

The CHEMIST AND DRUGGIST

for RETAILER - WHOLESALE - MANUFACTURER

Established 1859

28 Essex Street, Strand, London, W.C.2

Registered as a Newspaper

OL. 3413
CXIV

JULY 7, 1945

Annual Subscription (with
Diary) 25/- Single Copies 9d.

*Ideal
for toilet
and
nursery*

WRIGHT'S
COAL TAR SOAP

The advertisement features a large grid of 48 circular logos, each containing a red shield with a white dragon and the text 'WRIGHT'S COAL TAR SOAP' and 'PRO-ANTHROPOLITIC'. A large, stylized, handwritten-style text overlay reads 'Ideal for toilet and nursery'. At the bottom, the brand name 'WRIGHT'S COAL TAR SOAP' is prominently displayed in a bold, sans-serif font.

WRIGHT, LAYMAN & UMNEY LTD. SOUTHWARK · LONDON · S.E.1 · HOP 2315

Index to Advertisers pp. 5 & 6

AN ACUTE SHORTAGE of packing material together with a staff reduced to its absolute minimum has led to delay in the execution and dispatch of Parke, Davis & Co. orders.

We are doing our best in the face of these difficulties, and we ask for condonation whenever our endeavours fail to realize expectations.

Orders are being dealt with on the fairest basis we can devise ; and we urge our pharmacist friends to hesitate before sending us queries or complaints.



PARKE, DAVIS & CO.
50 BEAK STREET, LONDON, W.1

Inc. U.S.A. Liability Ltd.

Show 'Elasto'—It Sells on Sight!

It's advertised as a Chemist's Line

Elasto

REGISTERED

The Wonder Tablet

Read What Users of 'Elasto' Say:—

(Original letters have been seen by a representative of "The Chemist and Druggist")

Varicose Veins

"As a sufferer of varicose veins, I must state that before using 'Elasto' I was tortured with tired and aching legs. After taking a month's supply of 'Elasto' I remark with emphasis that the feeling of tiredness and aching has vanished. To all sufferers of varicose veins I certainly recommend 'Elasto'—they are a boon."

AP 1180.

— R. P.

mediate relief, and, although I was relieved of the pains and inconvenience, I have never ceased to take them regularly, as I have found them to act as a tonic as well, giving me energy that I previously lacked. I have recommended them to many others since."

AT 1108.

— F. T.

Varicose Ulcers

"I have great pleasure in writing to say my legs are quite better and I cannot praise your 'Elasto' enough. I had suffered agonies with varicose ulcers; in fact I thought I should never get them better, but, thanks to 'Elasto,' my legs are completely cured."

AH 1263.

— E. H.

Rheumatism

"I may say that I have found 'Elasto' a wonderful help. For years I suffered with rheumatism in feet and legs, and at times found it difficult to keep about. 'Elasto,' however, afforded me im-

THESE generous acknowledgements are an indication of the solid goodwill behind Elasto. Thousands of users, all over the country, are daily telling their friends of similar experiences with this fine remedy.

Recommend 'Elasto'—and a satisfied customer will recommend You!



A SOUND LINE
A GENEROUS PROFIT

Retail Price 5/- per pkt.
* Including purchase tax.

Wholesale 42/- per doz.
* Including purchase tax.

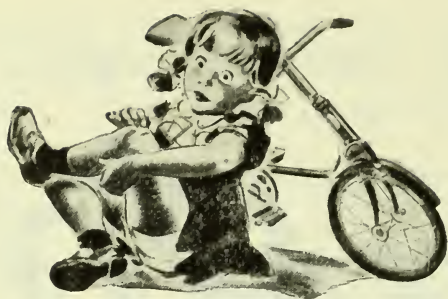
A FEW SHOWCARDS STILL AVAILABLE

PATA

The NEW ERA TREATMENT CO., LTD.

DEPT. R

CECIL HOUSE, HOLBORN VIADUCT, LONDON, E.C.1



for troubles
that are skin deep



B·F·I

BISMUTH · FORMIC ·
IODIDE COMPOUND

Abrasions, minor cuts and skin irritations heal most satisfactorily when treated promptly with a soothing antiseptic dry dressing such as 'B.F.I' powder. This finely milled preparation has excellent spreading and clinging properties as well as the proper degree of astringency necessary to reduce excessive secretion. It is easily applied.

'B.F.I' powder brings welcome relief in the local treatment of chafing and many other types of skin irritation including "athlete's foot", and may be relied upon to absorb excessive discharges without caking or forming hard crusts. Moreover, 'B.F.I' powder is especially noted for its effectiveness in relieving the aching, burning sensation of tired feet.

Sharp & Dohme Ltd

HODDESDON

HERTS

MEDICAL **EVANS** SUPPLIES

Super-Suspensible **BISMUTH CARBONATE**

A light Bismuth Carbonate which is not excessively bulky in the dry state but diffuses perfectly in a fluid mixture giving a prolonged and homogeneous suspension. Even after long standing it is readily re-diffused.

Evans Super-Suspensible Bismuth Carbonate is consistent in density and maintains a standard of purity which meets the demands of all pharmacopœias.

EVANS SONS LESCHER & WEBB LTD

FINE CHEMICALS • BIOLOGICALS • PHARMACEUTICALS

"Shipmates"



Pictures like this — intimate studies of doggy companionship — are a very popular feature of the Bob Martin national advertising. And the accompanying message is always simple, homely and readable. The current series explains why dogs have particular need of regular conditioning in summer as a pro-

tection against 'warm weather' blood disorders. Published in a long list of papers and periodicals covering the whole country, this advertising is steadily increasing the demand for Bob Martin's. Retailers will be well advised to renew their stocks in good time, and to include a margin for 'extra sales.'

BOB MARTIN LTD. SOUTHPORT LANCs.

Established 1878.

*Labels-
Cartons-
Envelopes-*

**& EVERY DESCRIPTION
OF MEDICAL PRINTING**

ALF. HARRISON & SONS

Chemists' Printers
BURLEY ROAD, LEEDS, 4.

INDEX TO ADVERTISERS

A.B. Products	12
Ansol Chemical Co.	xii
Aspro, Ltd.	22
Bell, John, Hills & Lucas, Ltd.	Leader Page
Bio-Colloids, Ltd.	15
Bob Martin, Ltd.	4
Brand & Co., Ltd.	viii
British Cod Liver Oil Producers (Hull), Ltd.	13
British Disinfectant Co.	x
British Drug Houses, Ltd.	5
British Dyewood Co., Ltd.	ix
British Surgical & Drug Co., Ltd.	ii
Brontan, Ltd.	12
Burgoyne Burbidges & Co., Ltd.	i
Burrough, James, Ltd.	Leader Page
Burroughs Wellcome & Co.	25
Bush, W. J., & Co., Ltd.	18
Busto, Ruperto	Leader Page
Carillon Press, Ltd.	x
Carus, A., & Sons, Ltd.	vii
Ciba, Ltd.	26
Continental Laboratories, Ltd.	23
Cox, Arthur H., & Co., Ltd.	Cover iv
Cussons, Sons & Co., Ltd.	Cover iii
Cuxson, Gerrard & Co., Ltd.	vi
Dae Health Laboratories, Ltd.	9
Dangoor, N. S., Ltd.	ix
Daniel, Richard, & Son, Ltd.	15
Duncan, Flockhart & Co.	v
East, Lewis, Ltd.	xii
English Grains Co., Ltd.	12
Esmorea Chemical Products, Ltd.	xii

(continued overleaf)

DIENOESTROL B.D.H.

The non-toxic highly-active æstrogen

	Trade excluding Tax	Medical Profession including Tax	Retail including Tax
0.1 mg. per tablet			
Bottle of 25 .	8d.	1/-	1/1
★ " " 100 .	1/6	2/3	2/6
" " 1,000 .	9/-	13/8	15/-
0.3 mg. per tablet			
Bottle of 25 .	10d.	1/3	1/5
★ " " 100 .	2/-	3/-	3/4
" " 1,000 .	12/-	18/2	20/-
1 mg. per tablet			
Bottle of 25 .	1/-	1/6	1/8
★ " " 100 .	3/-	4/6	5/-
" " 1,000 .	18/-	27/3	30/-
5 mg. per tablet			
Bottle of 25 .	2/-	3/-	3/4
★ " " 100 .	6/-	9/1	10/-
" " 1,000 .	36/-	54/6	60/-

★ for dispensing only

CURRENT PRICES CORRECTING JUNE 30 ANNOUNCEMENT

THE BRITISH DRUG HOUSES LTD., LONDON, N.1

INDEX—(contd.)

Evans, A. E., & Co.	iv	New Era Treatment Co., Ltd.	
Evans Sons Lescher & Webb, Ltd.	3	North British Rubber Co., Ltd.	
Excel Proprietary Co.	15		
Farlane Manufacturing Co.	xii	Organon Laboratories, Ltd.	
Fennings, A.	23	Ormerod Engineers, Ltd.	
Frendenthell, Smith & Co.	Leader Page	Oxford Glass Co.	
Furnoto Chemical Co. (Factors), Ltd.	vi	Oxo, Ltd.	
Geigy Pharmaceutical Co., Ltd.	iv	Parke, Davis & Co.	Cover
Genoxide, Ltd.	v	Perken, Son & Co., Ltd.	
Glover, T., & Son, Ltd.	ix	Pharman (Birtley), Ltd.	Leader Pa
Harley, T., Ltd.	viii	Potter & Clarke, Ltd.	
Harrington's	xii	Prentice, John, (London) Ltd.	
Harrison, A., & Sons	5	Price, A. S., & Co., Ltd.	
Hirst, Stuart, Ltd.	Leader Page	Price Regent Tar Co., Ltd.	
Home Health Services	24		
Hough, Hoseason & Co., Ltd.	ix	Rankin Bros. & Sons	Leader Pa
International Chemical Co., Ltd.	iii	Ransom, Wm., & Son, Ltd.	
Joco, Ltd.	vii	Rendell, W. J., Ltd.	
Iodent Distributing Co.	xii	Rentokil, Ltd.	
Keeling & Walker, Ltd.	iv	Reval & Co., Ltd.	
Keenedge, Ltd.	xii		
Lever	xii	Scott, A. & R., Ltd.	
London Pharmaceutical Laboratories, Ltd.	10	Selka, Ltd.	
Loveluck Edwards & Co.	xii	Shahani, M. G., & Co.	
Luna Inserts, Ltd.	vii	Sharp & Dohme, Ltd.	
Martin, Bob, Ltd.	4	Splendor, Ltd.	
Matthews, S., & Co., Ltd.	16	Tatlow, S., & Co., Ltd.	
Meggison & Co., Ltd.	11	Toucatly, M., & Co.	Leader Pa
Menley & James, Ltd.	14	United Chemists Association, Ltd.	
Midgley & Parkinson, Ltd.	Leader Page	Wander, A., Ltd.	
Musterole Fine Products, Ltd.	24	Wesley, Harold, Ltd.	
		Whiffen & Sons, Ltd.	
		Whitakers (Kendal), Ltd.	
		Wileox, Jozeau & Co., Ltd.	Leader Pa
		Wright, Layman & Umney, Ltd.	Front Cov

Disinfectants

to Hospitals, Public Institutions, Local Councils, &
REMEMBER that

BURT, BOULTON & HAYWOOD LTD. Managers of
the **PRINCE REGENT TAR COMPANY, LTD**

give you special terms.

Carbolic Disinfecting Fluids containing 10% to 80% Tar Acids.

White Disinfecting Fluids—miscible in salt, fresh or brackish water, Co-efficients 18/20, 22/24.

Lysol B.P. Quality.

Pink Disinfecting Powders.

Carbolic Sheep Dips, approved by the Ministry of Agriculture under the Sheep Scab order.

Carbolic Disinfecting Fluids, Rideal Walker Co-efficients 2 to 20.

Liquid Carbolic and Cresyl c Acid, Pale, 99/100%

Formaldehyde (Formalin) 40% Solution.

Carbolic Weed Killer, etc.

Tar Acids and Rideal Walker Co-efficiency guaranteed. May be sold by Chemists and Druggists under own name

Special Disinfectant Fluids approved by the Ministry of Agriculture under the "Diseases of Animals Acts." May be packed and sold by Chemists under own name.

SAMPLES AND PRICES ON APPLICATION TO

PRINCE REGENT TAR COMPANY, LTD.

(Managers: BURT, BOULTON & HAYWOOD, LTD.)

BRETENHAM HOUSE, WELLINGTON STREET, STRAND, LONDON, W.C.2

Phone: Temple Bar 5901 (5 Lines)

Telegrams: "Burboul, Rand, London"

The post war plans of



TRADE MARK OF SAFETY
AND RELIABILITY for
medical and toilet products,
relied upon by 7,500 profes-
sional chemists as a guaran-
tee of satisfaction.

UNITED CHEMISTS ASSOCIATION LIMITED, UCAL WORKS, CHELTENHAM



Vitamins are Essential at all Seasons

—and 'Vimaltol' Advertising
is stimulating your Sales NOW

CURRENT advertising in the National and Provincial press emphasises the value of 'Vimaltol' in providing in a delicious, convenient and effective way the vitamins which everyone needs, every day, at every season.

Authorities agree that vitamins are all-important to health, and that they are only fully effective when allied with certain other food elements. 'Vimaltol' is based on this knowledge. It provides important vitamins as well as necessary mineral salts, carbohydrates and proteins.

'Vimaltol' is standardised to contain in each fluid ounce: 648 international units of Vitamin A and 1390 of Vitamin D; also 0.36 milligrammes of Vitamin B₁, 4 of Niacin, 4.8 of Iron and 48 of Phosphorus.

Stock...

Display...

Sell...

Thus 'Vimaltol' is a well-balanced restorative and vitamin food which everyone can take with the greatest advantage. It offers the pharmacist opportunities for all-the-year-round profitable sales.

VIMALTOL

The Delicious Vitamin Food
for all Seasons

On the P.A.T.A.

Wholesale Prices: 1-lb. Jars, 27/-; 2-lb. Jars, 49/6 (Exempt from Purchase Tax)

Retail Prices: 1-lb. Jars, 3/-; 2-lb. Jars, 5/6

For further details write to: A. Wander, Ltd., 5 and 7 Albert Hall Mansions, S.W.7



BIGGER PROFITS

on VALDERMA when
you display the large size



You get this attractive counter card with every order for the LARGE size.

60,800,000 ADVERTISEMENTS

for Valderma appear every month — in National Newspapers, Provincial Newspapers and National Magazines. No wonder chemists everywhere say Valderma is one of the quickest moving lines today.

Standard size 2/- a jar, including Tax. Trade price 15/- per dozen. Purchase Tax 2/6 per dozen. Large size 3'6 a jar, including Tax. Trade price 26/- per dozen. Purchase Tax 4/4 per dozen. Minimum order carriage paid 3 dozen.

'SUPER SHAVE' for 'Super' Sales

and for the
perfect BRUSHLESS
shave with
after-shaving
freshness!



RETAILS AT

1/10 4 oz. Jar

1/2 2 oz. Jar

Obtainable at Chemists and Hairdressers' Sundriesmen

LONDON PHARMACEUTICAL LABORATORIES, LTD. 24 THORNSETT ROAD, LONDON, S.W.13

BRUSHLESS

SUPER SHAVE

SOAPLESS

YOUR CUSTOMERS

FLY

TO

"Fluzo"
REGD. TRADE MARK

POWDERS

ALSO IN TABLET FORM

The Fast Selling Remedy
for HEADACHES,
SUMMER COLDS,
NEURALGIC PAINS, ETC.

A. S. PRICE & Co., Ltd., Manufacturing Chemists
BLACKHEATH, BIRMINGHAM M-VV.49

'Harley'
Toilet Rolls

are war-time standard,
which will be restored
to their original Pure
Manilla quality as soon
as paper supplies are
available.



HAROLD WESLEY LTD.
HARLEY MILLS, LONDON, N.W.10

Sheet Anchor

The sheet anchor was the largest and safest of the old anchors. Thus, the name has passed into common language as synonymous with security and dependability.



Two
Sheet Anchors
for Pharmacy in the post-war years:

MEGGEZONES

MEGGESON Bismuth DYSPEPSIA TABLETS

- ★ Therapeutically sound.
- ★ Manufactured from first-quality ingredients.
- ★ Sold only by qualified chemists.
- ★ Advertised in 170 daily and weekly papers.
- ★ Well received by the public.
- ★ Generous profit to the retailer.

Supported by the time-honoured name of

MEGGESON & CO. LTD., LONDON, S.E.16



HIGHGLEE

TEETHING RINGS & BEADS

Absolutely Safe and Hygienic

WHOLESALE ENQUIRIES
WELCOME

RETAILERS SHOULD
ADVISE US OF THEIR
USUAL WHOLESALE
SUPPLIERS.

A·B PRODUCTS

Springlodge Works, Manningham Lane, Bradford
Telephone & Telegrams 6548/9



CHEMISTS' FORMULA

Astringent & Antiseptic,
a soothing lotion for
customers seeking relief
for their eyes. Supplies
available from qualified
C. F. Wholesalers.

Brontalene
EYE LOTION

prices:

13/- per doz. Purchase Tax 3/- per doz
Bonus scheme for 1 gross.
Retail Price including P.T. 2/5 per bottle

Enquiries to **BRONTAN LTD.**
6/8 Scrutton Street, London, E.C.2.
Phone B1Shopsgate 7935

**"It's up to us
to keep fit"**

That's what

YESTAMIN

Advertising is saying to
your customers

It's up to you -

to ensure that sufficient stocks of
YESTAMIN Vitamin Yeast Tablets,
100 for 1/1½d., 300 for 3/-, are avail-
able to meet increased demand.

The English Grains Co. Ltd., Burton-on-Trent

Your Move!

Despite all our efforts and the manful work of the wholesalers, there were hold-ups in the distribution of SevenSeaS Cod Liver Oil during the past winter. It was a case of starvation in the midst of plenty, for there was no shortage of the oil itself — either standard or concentrated.

Delays were due to scarcity of containers and packing materials and to slow rail deliveries. There was an added reason for the shortage of capsules — lack of facilities for manufacture. This situation is improving rapidly, and by early summer supplies should be equal to the demand. *But we must be prepared for transport and packaging difficulties to continue for some time.*

Order now — direct from us

SevenSeaS sales have made enormous strides in the past few years. And this increase is likely to continue, for rationing has taught the public lessons in food values which will never be forgotten. Thousands of families are now regular users of SevenSeaS, and thousands have learned the importance of cod liver oil by taking the Ministry of Food's 'emergency' issue. The future is full of promise for those who can demonstrate that normal manufacture and distribution are in a position to resume their pre-war rôles. And the first step is to make sure that no retailer is ever short of supplies.

The obvious solution is to stock up during the summer months, making delivery direct from us to help your wholesaler with his man-power problem. If you order now and keep well ahead of demand, you will never need to disappoint a customer. Will you help us to help you? Please write to us for order forms. Accounts will be charged through your wholesaler.

STANDARD OIL: *Vitamin A 20,000 I.U.; Vitamin D 2,500 I.U. per ounce.*

CONCENTRATED: *Vitamin A 60,000 I.U. Vitamin D 6,000 I.U. per ounce.*

Issued by

BRITISH COD LIVER OIL PRODUCERS (HULL) LTD.

ST. ANDREW'S DOCK, HULL

Makers of

SevenSeaS

NOW IN TWO STRENGTHS

OVENDOSYN

(STILBŒSTROL AND CALCIUM PHOSPHATE)

The value of œstrogenic treatment of cancer of the prostate is already clinically established and its potentialities in inoperable breast cancer are now being hopefully explored. Since relatively large doses of stilbœstrol are sometimes required for these two malignant conditions, 'Ovendosyn' *Forte* has been introduced in addition to the well-known standard 'Ovendosyn' Tablet, intended primarily for the oral treatment of menopausal disorders.

'OVENDOSYN'

Each tablet contains

STILBŒSTROL ... 0.5 mg.
CALCIUM PHOSPHATE 290 mg.

'OVENDOSYN' FORTE

Each tablet contains

STILBŒSTROL ... 5.0 mg.
CALCIUM PHOSPHATE ... 325 mg.

TRADE AND RETAIL PRICES

		Face Price Exclusive of Tax	TRADE PRICE per dozen	Purchase Tax per dozen	Minimum Retail Price including P.T.
'OVENDOSYN'	{ Bottles of 50 Tabs.	3/-	27/-	4/6	3/4½
	{ „ „ 250 „	12/5	112/6	18/9	14/-
'OVENDOSYN' FORTE	{ Bottles of 50 Tabs.	4/6	40/6	6/9	5/1
	{ „ „ 250 „	18/7½	168/9	28/2	21/-

MENLEY & JAMES LIMITED

123, COLDHARBOUR LANE, LONDON, S.E.5



WHEN CONFIDENCE IS JUSTIFIED

Remembering our years of experience in tablet making, backed by a policy based on high principles, the Chemist can be confident of his customer's satisfaction. Our products are bound to please.



MANUFACTURING CHEMISTS

ESTABLISHED 1860 • DERBY 4266-3

Stock and Show this Profitable Line **TRILLE SHAMPOOS**

Retail 6d. each. Cost 48s. per gross (both prices include P.T.) **PATA**

A profitable Nationally-advertised Line reserved to Chemists.

Obtainable from Messrs. May Roberts, Ltd., all Depots, London, Plymouth, Cardiff, Liverpool, or direct from the Manufacturers, The Excel Proprietary Co., Elgar Place, Ramsgate Kent

NOTE.—New customers are welcome as always.

SD2

The Symbol of **PERFECT Skin Health**

A revolutionary product for the treatment of skin illnesses with unusual penetrative power. Sold under a money-back guarantee of satisfaction. Liquid and cream. Prompt deliveries.

BIO-COLLOIDS, LTD., ALTRINCHAM, CHES.

PATA



BC20

John Prentice

MEDICATED SMELLING SALTS

Now Nationally Advertised



John Prentice beg to announce NATIONAL ADVERTISING and invite retailers to participate in sharing a successful and constant seller.

Standard size: screw cap or ground glass stoppers	Sick room size: ground glass stoppers,
1s. 5d.	2s.
(10s. 6d. plus 16%)	(13s. 6d. plus 16%)

CARRIAGE PAID

JOHN PRENTICE (London) LTD.

3, EXCHANGE, N.10

Tel.: TUD 2174

Northern Branch

8, FENKLEST., NEWCASTLE-on-TYNE, I

Tel.: 24119



CUSTOMERS *WANT*
THE LARGE 24! SIZE
You can order it!

We are pleased to draw attention to the fact that

5/- and 24/- Bottles of
CURICONES
are always available through all
leading wholesalers

We draw special attention to this because, in recent weeks, many instances have come to light of intending purchasers being informed that these sizes are unobtainable

ORDER THROUGH YOUR USUAL
WHOLESALE

CURICONES

For the relief of Rheumatism and kindred troubles

STEPHEN MATTHEWS & CO., LTD.
19-21 FARRINGDON ST., LONDON, E.C.4

“OXOID”

The word “OXOID” is the trade mark of OXO Ltd., and is used in connection with their therapeutical preparations both in tablet and fluid extract form.

ORGANO-THERAPEUTICAL PRODUCTS

OXO LABORATORY PREPARATION

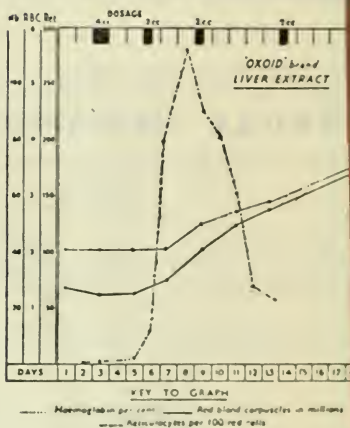
For PERNICIOUS ANÆMIA

OXO LTD'S LIVER EXTRACT FOR INJECTION (I.M.)

A highly potent preparation for the treatment of pernicious anemia.

Dosage in emergency cases is 4 c.c. initial dose, followed by 2 c.c. at three days intervals in the first week and 2 c.c. at weekly intervals subsequently. This will usually raise the blood count to normal in a few weeks.

Maintenance dose: 2 c.c. monthly.



Supplied in ampoules of 2 c.c. & Bottles of 10 c.c. & 20 c.c.

Ampoules 6 (6/6), 12 (12/6), 50 (48/-), 100 (92/-)

Bottles 10 c.c. (4/9), 20 c.c. (8/6)

OXO LIMITED, Thames House, London, E.C.

OXO LABORATORY PREPARATIONS

VOTE FOR POTTER'S

PREPARATIONS



CONSERVATIVE

of the Best in Pharmacy

LIBERAL

Terms

LABOUR

in your interests for our

COMMONWEALTH

Individual and

INDEPENDENT

attention

NATIONAL

Advertising

HAVE REPRESENTED YOU SINCE 1911

Issued by Potter & Clarke Ltd

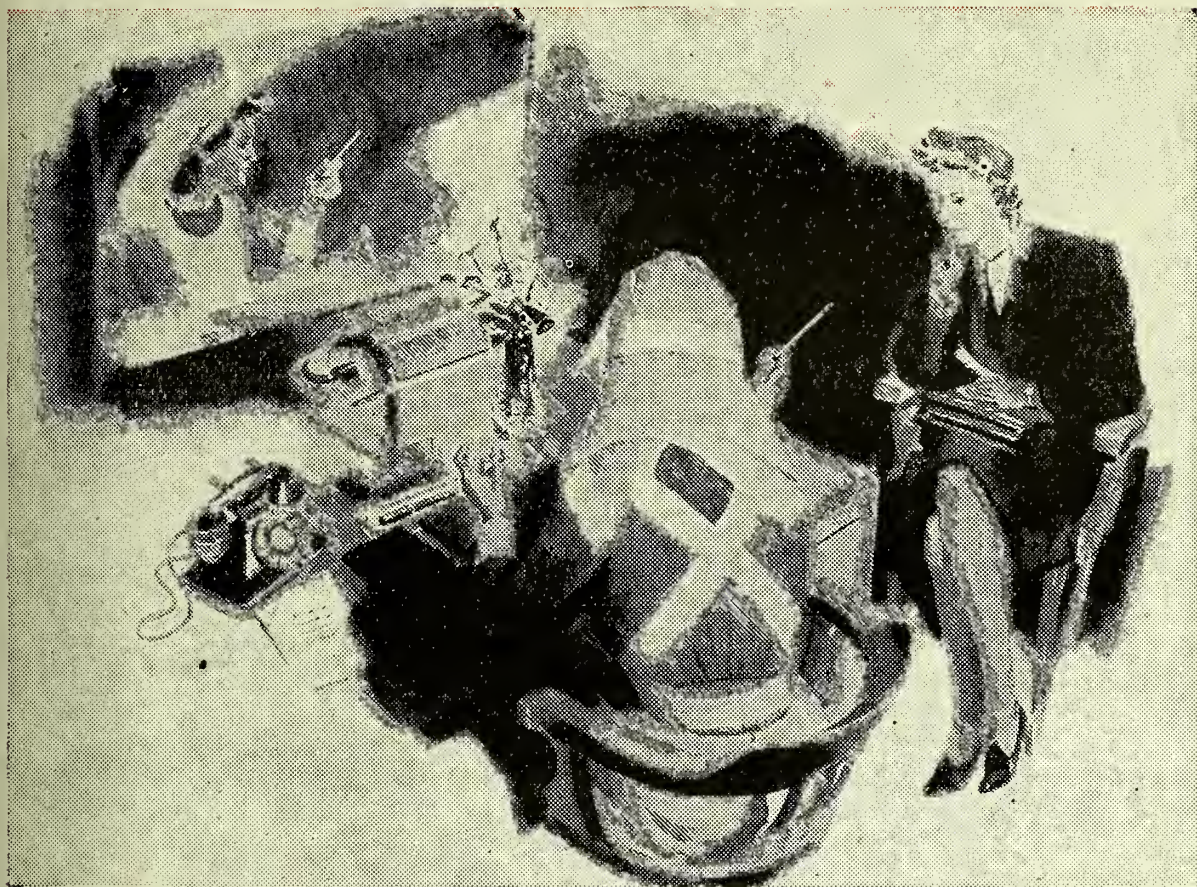


BUSH

*BENZYL
BENZOATE
B.P.*

MANUFACTURED BY
W J BUSH & CO LTD
LONDON · E 8 · ENGLAND

MUTUAL CONFIDENCE...



RENDELLS

FOR FEMININE HYGIENE

PRODUCTS

Mutual Confidence between the public and the manufacturer is no small thing. Rendells have built up this confidence in their products over a period of many years—by a scientific and scrupulous specialisation in all requirements of feminine hygiene.

Fastidious women not only appreciate the quality of Rendells Products, but have also learned from practical experience their absolute reliability.

SANTRON SILATEX MENSINOLE RENDELLS

Literature, display material and terms on application.

W. J. RENDELL LTD., HARDWICK HOUSE, 161-5, ROSEBERY AVENUE, LONDON, E.C.1.

EXTRACTS

TINCTURES RESINOIDS
OLEO-RESINS MEDICINAL RESINS

BELLADONNA and HENBANE PREPARATIONS

From Plants grown on our own Farm

WILLIAM RANSOM & SON

ESTABLISHED 1846

Ltd.

Manufacturing Chemists

HITCHIN, HERTFORDSHIRE

BRITISH ALKALOIDS
AND FINE CHEMICALS
BROMIDES & IODIDES

WHIFFEN

MANUFACTURERS OF
**CAESIUM
BROMIDE**

*Enquiries invited from
Buyers and Consumers*

WHIFFEN & SONS, LTD.
INCORPORATING GEORGE ATKINSON & COMPANY, EST. 1654

FULHAM
LONDON, S.W.6

Telephone: RENown 3416

*Fair Play
& Fair Profit!*

P.A.T.A.

Will the end of war-time conditions of short supply see a recurrence of price-cutting to undermine the standards of people and traders? We join in the hope that such conditions will not materialise. What is perhaps more important to the chemist is that we are ready to tackle them if they do.

YOU CAN RELY ON 'ASPRO'

'ASPRO' has not allowed its price maintenance organisation to rust or lose its efficiency. Throughout the war the same scrupulous control that made 'ASPRO' "red-hot" for the price-cutter and the cleanest line for the honest retailer, has been operating in the national interests. Now it is ready to go into action instantly at the first sign of a recurrence of price-cutting.

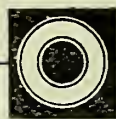
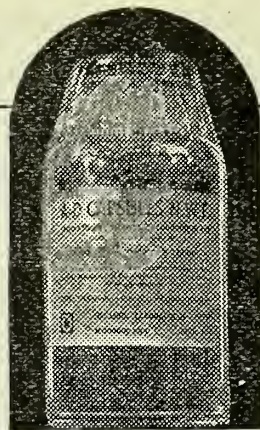
We are proud of the appreciation expressed by retailers and wholesalers alike of the service rendered them by this special branch within our organisation. Just as the public rely on 'ASPRO' for purity, safety and efficacy, so the chemist can rely on ASPRO Limited for fair play and fair profit which is protected with vigour and efficiency.

'ASPRO'

Made by ASPRO LIMITED, Slough, Bucks.

Telephone: Slough 22381

ASPRO



A-D CAPSULES N.W.F

CAPSULA LIQUORIS VITAMINORUM A et D
CONCENTRATI
(CAPS. LIQ. VITAMIN A et D CONC.)
NATIONAL WAR FORMULARY, AMENDMENT
No. 2 (JANUARY 1943)

Each capsule is equivalent in Vitamin content to 4,500 units of Vitamin A and 450 units of Vitamin D in 3 minims of an oily medium.

DOSE: 1-2 Capsules a day, or as otherwise prescribed.

Price on application



REGANON LABORATORIES LTD.

BRETENHAM HOUSE, LONDON, W.C.2.

Telephone: Temple Bar 6785

Telegrams: Menformon, Rand, London

A Splendor Line you ought to stock

An excellent formula
—a striking pack
—a rapid seller
and steadily advertised.

6½d., 1/5 and 2/6 Inc. P. Tax
Prompt delivery from all wholesalers or direct from

SPLENDOR LTD.
LONDON and NOTTINGHAM

PROPAX

DOUBLE POWER
TABLETS

REALLY STOPS PAIN

In these trying times —



INDICATIONS

General fatigue and debility, hypertension, infective conditions, night blindness.

PACKINGS AND PRICES

80 tablets.. .. 3/4½
250 tablets.. .. 9/6
1000 tablets.. .. 30/7½
(Including Purchase Tax) **PATA** List

CAROVIT
BRAND
CHLOROPHYLL TABLETS

101 Great Russell St. LONDON, W.C.1
Telephone: MUSeum 2042-3

CONTINENTAL LABORATORIES LTD.

FENNINGS

FAMOUS FOR OVER 80 YEARS

PATA

FENNINGS' FEVER MIXTURE 1/3 a bottle

(If difficult to obtain write direct to Messrs. SUTTON & SONS, 12 Brandon Rd., London, N.7.)

FENNINGS' LITTLE HEALERS

For Coughs, Colds, Bronchitis, etc. 3/- glass tubes and 6/- Carton
of 12 Packets, retailing at 6d. each.

FENNINGS' OINTMENT. Demand Steadily Increasing

For Cuts, Burns, Bruises, Chilblains, and all skin irritations. 1/3 a tin

FENNINGS' WHOOPING COUGH POWDERS

FENNINGS' WORM POWDERS

FENNINGS' STOMACH STRENGTHENERS

FENNINGS' RHEUMATIC AND ERYSIPELAS DROPS— 1/3 a bottle

} 1/3 and 3/- boxes

Please address orders and inquiries to your Wholesaler

N.B.—FENNINGS' COOLING POWDERS (Children's and Adults')
are at present in short supply, owing to war conditions, but every endeavour
is being made to execute orders

PROPRIETORS: THE TRUSTEES OF ALFRED FENNINGS (DECEASED)
COWES, Isle of Wight



THE
"MATER"
 CLINICAL REGD.
 The position of the Mercury column is at once perfectly plain. Red markings above 100.

**ALL TYPES OF
 CLINICAL
 AND OTHER
 THERMOMETERS**

**PERKEN, SON
 & CO. LTD.**
 (ESTABLISHED 1852)
Quotation on Application:
 8 HATTON GARDEN,
 LONDON, E.C.1
 Telephone: 0724 Holborn
 Telegrams: "Optimus. Smith, London"

In this one capsule **SIX PRECIOUS VITAMINS**

Each Vykin Multiple-Vitamin Capsule contains specific and correct quantities of the 6 Key Vitamins . . . A, B1, B2, C, D and Nicotinic Acid. Vykin is the latest step in vitamin therapy, and Pharmacists can recommend it with complete confidence in all instances of systemic vitamin deficiency. Vykin is available in two sizes, retailing at 6/- (30 capsules) and 9/6 (60 capsules).

Vykin MULTIPLE
 VITAMIN
 CAPSULES

Obtainable from your regular Wholesaler.

HOME HEALTH SERVICES

132 Baker Street, London, W.1.

Dear Mr. Chemist,

Yours is one of the few shops in any town to which people still come for advice—for your advice. Now what do you advise for that most common of all complaints—constipation? You want, of course, to restore normal regularity. That indicates M.O. (Magnesia Oil). Instead of whipping the tired muscles into over-stimulated activity, M.O. rests them, and, at the same time, procures a complete cleansing of the entire colon. With decreasing doses the bowel muscles gradually recover their tone and normal activity. M.O. is the ideal laxative with gastritis, gastric ulcer, duodenal ulcer, haemorrhoids, because it is completely non-irritating. In pregnancy and the constipation usually associated therewith M.O. eliminates morning sickness, for it is an antacid as well as a laxative.

8-oz. bottles retail at 3/1d., 16-oz. at 5/7d., tax included. Your sales net you 33½%—more if you display M.O., for there is a bonus of one free in every dozen, either size. There is no shortage of M.O. You can obtain it from your usual wholesaler.

Yours faithfully,

MUSTEROLE FINE PRODUCTS CO., LTD.

'WELLCOME' BRAND

INJECTION OF

LIVER EXTRACT

FOR
INTRAMUSCULAR
INJECTION



'Wellcome' brand Injection of Liver Extract is prepared by a special process, designed to conserve all the therapeutically active constituents of liver while eliminating inert or antigenic protein and other undesirable substances. It contains a full representation of the components of the vitamin B complex normally present in liver. 2 c.c. ampoules, in boxes of 6, 25 and 100.



BURROUGHS WELLCOME & CO.
(The Wellcome Foundation Ltd.)
LONDON

ASSOCIATED HOUSES: NEW YORK MONTREAL SYDNEY
CAPE TOWN BOMBAY SHANGHAI BUENOS AIRES

SURFACE ANAESTHESIA

with

NUPERCAINE

"Fortunately, Nupercaine is a complete substitute for cocaine."

Practitioner, 1936, 136, 509

NUPERCAINE LOZENGES

each containing 1 mg. produce a prolonged anæsthesia of the mucous membranes of the mouth and throat, alleviate the discomfort of sore throat and allay post-tonsillectomy distress.

(Boxes of 15 and bottles of 100)

NUPERCAINE 2% SOLUTION

for anæsthesia of the mucous membranes of the ear, mouth, throat and nose. May be employed topically in proctology.

(Bottles of 30 c.cm.)

NUPERCINAL

a 1 per cent. ointment producing prolonged analgesia in chaps, herpes zoster, burns, sunburn, anal fissure, hæmorrhoids, pruritus.

(Tubes of 1 oz.)

NUPERCAINE SUPPOSITORIES

each containing 0.012 g., may be employed in the treatment of anal fissure and painful hæmorrhoids or post-operatively where a prolonged action is desired.

(Boxes of 5)

Supplies through usual channels.

Price List
on request



THE LABORATORIES, HORSHAM, SUSSEX.

Telephone : HORSHAM 1234

Telegrams : CIBALABS, HORSHAM



The CHEMIST AND DRUGGIST

For RETAILER — WHOLESALER — MANUFACTURER

Published Weekly at

28 ESSEX STREET, STRAND, LONDON, W.C.2

Telegrams: "Chemicus, Estrand, London"

Telephone: Central 6565 (10 lines)

Emergency Address:

17 ARGYLE STREET, BATH

Telephone: Bath 5492

CONTENTS

	Page		Page
A Practical Policy for Today ..	10	Information Wanted ..	14
American Notes ..	4	Inquests ..	6
B.P.C. Science Papers ..	22	Irish Chemists' Golf ..	3
British Herb Crop Reports ..	21	Legal Reports ..	6
Business Changes ..	9	Machinery and Plant Notes ..	19
Canadian Notes ..	13	Miscellaneous Inquiries ..	26
Coming Events ..	22	Name Deleted and Company Disquali- fied ..	17
Commercial Notes ..	25	Personalities ..	12
Company News ..	7	Topical Reflections ..	5
Deaths ..	12	Trade Marks ..	26
Editorial Articles:—		Trade Notes ..	8
Plans for a Centenary ..	15	Trade Report ..	23
British Industrialists and Bretton Woods ..	15	Ulster Chemists' Golf ..	11
Post-war Packaging for the Tropics	16	Wills ..	9

NEWS OF THE WEEK

Dangerous Drugs to Channel Islands.—Attention is drawn by the Home Office to the fact that licences are still required in respect of the export to the Channel Islands of drugs to which the Dangerous Drugs Acts apply. The licences will, as in the past, be issued by the Drugs Branch, Home Office.

Postal Services to Finland and Sweden.—Letters up to 2 oz. in weight, postcards, and packets containing printed paper, including newspapers and commercial papers, up to the same limit of weight, may now be posted for transmission by surface route to Finland, as an alternative to the use of the existing air mail service. Rates are as follows: Letters not exceeding 1 oz. in weight, 3d.; 1-2 oz., 4½d.; postcards, 2d.; printed papers, newspapers, etc., ½d. per 2 oz.; commercial papers, 2½d. Letters, postcards, printed papers, samples, etc., may also be posted for transmission by surface route to Sweden. Rates: Letters, 3d. first oz.; 1½d. each additional oz.; postcards, 2d.; printed papers, samples, commercial papers, ½d. per

2 oz. (minimum for commercial papers, 2½d.; minimum for samples, 1d.). Senders to both destinations must comply with the censorship permit regulations. Senders to Sweden must comply with the export licensing and currency control regulations.

Soap Substitutes.—The Ministry of Food announces that, from July 1, the restriction placed on the quantity of soap substitutes labelled for retail sale will be removed. In all other respects the present control of labelling will remain unchanged; it will still be necessary for labels to be approved and licensed by the Ministry of Food. In addition, the Ministry is now prepared to consider granting licences to applicants who were not in the trade before the control of soap substitutes was introduced. Applications for licences should be addressed to the Director of Oils and Fats, Oils and Fats Division, Soap Substitutes Section, Rotherhay Hotel, Colwyn Bay, Denbighshire. The Ministry makes it clear that additional packing materials cannot be made available at present.

Theft from Van.—Cosmetics valued at £350, and destined mainly for London pharmacies, were stolen from a van belonging to Max Factor, Ltd., on June 26.

Anthony McMillan Prize.—The Anthony McMillan Memorial medal and prize for 1945 has been awarded by the Board of Studies, Royal Technical College, Glasgow, to Mr. William McKeith, 47 Kirkland Park Avenue, Strathaven.

Eire Action over Invert Sugar.—The Eire Department of Supplies, says an Irish Drug Association report, has questioned the irregular uses to which invert sugar is being diverted, and has requested the wholesalers to keep a record of all sales made to retail chemists.

U.S. Army Hospitals in U.K.—In the month following VE-day, forty United States Army hospitals in the United Kingdom were officially closed, their mission accomplished. The number includes four convalescent centres, four station hospitals and thirty-two general hospitals.

Merchant Navy Donation.—The Merchant Navy Comforts Service has received a donation of £4 from the Chance and Hunt War Charities Fund, which is administered and supported by the workpeople at I.C.I. (General Chemicals), Ltd., Chance and Hunts Works, Oldbury, nr. Birmingham.

Manchester Branch Officers.—Manchester and Salford Branch of the National Pharmaceutical Union has elected its officers as follows: *Chairman*, Mr. G. I. Thomas; *Vice-chairman*, Mr. G. H. Haines; *Treasurer*, Mr. W. Edwards; *Secretary*, Mr. T. Miller. Officers of the Junior Branch of the Manchester Pharmaceutical Association are: *Chairman*, Mr. H. Burlinson; *Vice-chairman*, Mr. T. Storey Jones; *Treasurer*, Miss M. Morrison; *Secretary*, Mr. J. Tomlinson.

Leicester Women Pharmacists.—In the course of an address given by Miss M. A. Burr, Nottingham, to the Leicester Branch of the National Association of Women Pharmacists and other local women's organisations, the speaker recalled that the first woman to qualify as a pharmacist was a Leicestershire woman, Miss Potter, who qualified in 1868, but was refused admission to the Society because of her sex. Women were first admitted to the Pharmaceutical Society's school in 1873, and in the following year they began an agitation for membership of the Society. This was granted, "though very ungraciously," in 1870. Since then the cause of women in pharmacy had

advanced only slowly, and not more than four women had been elected members of the Pharmaceutical Society's Council.

Hull Annual Meetings.—The Hull Chemists' Association and local branch of the Pharmaceutical Society held their annual meeting on June 8, when Mrs. E. A. Brocklehurst was elected *President*. This was the first time in the history of the branch that the wife of a former president has been elected to the office. Mrs. Brocklehurst said that, now the European war was over, it was hoped to return to the more normal activities of the branch and the social events of pre-war years. Mr. L. S. Sells was elected *Vice-president* and Mr. B. Foster, 1 Westfield Close, Cottingham, Hull was re-elected *Secretary*.

Prices on Goods in Shops.—A recommendation that it should be made compulsory by law for retailers to price all merchandise in clear figures was considered by Watford Chamber of Commerce on June 25 but decisively defeated. Code marking were attacked for creating public mistrust, and affording scope for fraud and tax evasion, whereas clearly-marked prices promoted confidence and ensured fairness for customers. Plain pricing seemed generally favoured, but the Watford traders declared they would not tolerate a fresh legal control at a time when some relief from them was the real need.

Penicillin Film.—A film sponsored jointly by Imperial Chemical Industries, Ltd., and the Therapeutic Research Corporation, Ltd., and now showing in London, deals with the discovery, development and application of penicillin. Sir Alexander Fleming and Sir Howard Florey approved the script, commentary and shots. In the film Professor Fleming re-enacts his momentous discovery and a series of shots is included which shows what Sir Howard Florey and Dr. Chain and their brilliant team of workers at Oxford contributed to the development of the drug. For the battle-front scenes, the War Office gave facilities for the film unit to go to Holland with the Royal Army Medical Corps, as well as making certain that their part of the final film was accurate.

Manchester Garden Party.—A garden party arranged by the Manchester Pharmaceutical Association and branches of the Pharmaceutical Society and National Pharmaceutical Union was held at Wythenshaw Park on June 27. In the sporting events the prizewinners were: *Pitch and putt golf competition*, 1, Mrs. Hirst and Mr. C. Simpson; 2, Mrs. F. D. Gee and Mr.

Gibson; 3, Mr. and Mrs. G. I. Thomas. *Bowling match* (mixed), 1, Mr. J. G. Crossley and Miss Latto; 2, Mr. F. C. Baines and Mrs. H. Brindle; (men) 1, Messrs. H. Gartside and J. D. Cronin; 2, Messrs. G. I. Thomas and T. Miller. The donors of the prizes—the president of the Association (Mr. W. Wilkinson), the chairman of the local branch of the Society (Mr. Harry Brindle), of the N.P.U. branch (Mr. G. I. Thomas), and Councillor F. D. Gee—received a cordial vote of thanks.

Bulk-buying Plan in Operation.—A bulk-buying project proposed some months ago by the Hertfordshire Chamber of Commerce and reported in these columns (February 17, p. 158), is now in operation, although in a modified form. It is not now proposed to establish central showrooms at which traders can inspect and order goods. Instead, Chambers of Commerce in the county, whose members are eligible to participate in the scheme, are being asked to collect from members details of goods in particularly short supply, together with quantities. From this information bulk-buying plans can be set in motion. Captain S. J. Tunwell (chairman, Watford Chamber of Commerce) has been nominated sole buying agent, and

the organisation will be financed by a 3½ per cent. addition to the bulk prices obtainable. The idea is entirely to help small retailers, if they wish, and there is no intention of encroaching on any existing trade organisation. Protests have, however, already been made by wholesalers and factors, who view the possible competition with disfavour.

Birmingham Analyst's Report.—The report of the Birmingham City Analyst for the first quarter of 1945 records that twenty-three incorrect samples were found among 185 samples of drugs tested. Two samples of formalin tablets were found deficient, one containing no formaldehyde at all, the other containing 0.13 gm. formaldehyde per tablet against an advertised content of $\frac{1}{16}$ gm. per tablet. No fewer than six proprietary medicines were reported against for infringement of Section II of the Pharmacy and Medicines Act, 1941. In each case the amount of one or more ingredients was not correctly stated. A sample of kaolin poultice supplied in a cardboard pillbox with a loose lid was received after some of the liquid portion had soaked through the box, causing incorrect percentages of the principal ingredients.

IRISH CHEMISTS' GOLF

THE annual three-day outing of the Irish Chemists' Golfing Society was held under ideal weather conditions at Bundoran during the week-end June 16 to 18, when there was keen competition for an array of trophies. The results were: Saturday evening (eighteen-hole bogey): M. J. Flynn (17), 1 up; S. J. Savage (8), all square; F. J. Roche (8), 1 down; T. J. Lynch (7), 2 down. Sunday morning (eighteen-holes strokes): T. J. Lynch (7), 73; F. J. Roche (8), 74; P. McAuliffe (13), 74; B. R. Smith (5), 75. Sunday evening (four-ball bogey): S. J. Savage and A. W. Hughes, 2 up; B. R. Smith and T. P. Toher, 1 up; J. Daly and P. Fullam, 1 up. Monday morning (eighteen-holes strokes) J. A. Hurson (14), 75; J. Gilmartin (6), 76; S. J. Savage (5), 78; T. J. Lynch (5), 79. Monday evening (Scotch eighteen-holes foursomes): T. R. Bourke and F. Keys (72); S. J. Savage and P. C. Cahill (75); J. Gilmartin and P. Fullam (75). Captain's prize, presented by Mr. A. Maher (thirty-six holes): J. Daly (12), 75 and 69. Runner-up: B. R. Smith (7), 73 and 75. Best net, class I: J. Gilmartin (6), 154; class II: J. A. Hurson (16), 152; class III: F. Keys (23), 156. Best gross: T. J. Lynch 80 and

84. Novice's prize on Sunday was won by J. C. Walsh (20), 81. Novice's prize on Monday was won by C. Collis (20), 84.

Donations to Benevolent Fund

The captain's dinner was held on Monday night, the captain (Mr. A. Maher) presiding. The large attendance included Mr. T. P. Toher, Sligo (president, Golfing Union of Ireland); and Dr. Daly (president, Bundoran Golf Club). On behalf of the Society the captain handed to Mr. P. C. Cahill a cheque for £5 5s. for the Benevolent Fund of the Pharmaceutical Society of Ireland, and a second cheque of £3 3s. for the Fund sent by Mr. Tom Slowey. Mr. Cahill, in accepting the cheques, expressed his best thanks on behalf of the Fund. Mr. Stanley, in proposing "The Irish Chemists' Golfing Society," coupled with it the name of Mr. Andy Maher (captain). Mr. P. McAuliffe supported, and the captain suitably replied. "Our Guests" was proposed by Mr. M. Costelloe, and responded to by Messrs. T. P. Toher and Dr. Daly. Thanks to the donors of prizes was passed on the motion of Mr. J. Daly, seconded by Mr. B. R. Smith, Messrs. W. R. Such and M. J. Curran replying.

AMERICAN NOTES

Fellowships Provided.—The Oklahoma State Board of Pharmacy has allotted \$500 to the School of Pharmacy, to be used as fellowships for worthy students.

Head-wound Gas Mask.—A gas mask to protect head-wound patients from war gas, which has been developed by the U.S. Chemical Warfare Service, is now in production. The respirator is the first such device which affords protection to patients with bandaged heads, faces or jaws. It consists of a silk-like plastic hood to which an air-purifying canister and outlet valve are attached. A flexible window across the eyes provides clear vision. Air is drawn into the mask by the ordinary breathing of the wearer.

Camouflage Cosmetics. Face paint issued to the United States Army for camouflage purposes is issued in stick form to fit a round metal tube 1 in. in diameter and 3 in. long, each unit being supplied in two colours in one of three combinations: loam with green, white or sand, the choice of colour used depending upon the type of terrain. Although devoid of excessive greasiness, the paint is smooth enough for easy application and also contains an insect repellent. Camouflage paints are not washed off by rain or perspiration and may be used in temperatures ranging from 20 to 150° F. They are easily removed with soap and water.

Skin Diphtheria in Armed Forces.—The Surgeon-General of the United States Army reports that minor epidemics of skin diphtheria have broken out among American soldiers in the Pacific areas. They have been brought under early control. It is thought that the epidemic arises from carriers, the bacilli being usually located in wounds in the arms or legs. From the skin of one individual they are transferred to skin lesions in others or to the throats of susceptible persons. The effects are not usually serious, though neuritis sometimes develops, and there are occasional heart disturbances. A small dose of antitoxin is sufficient to protect most patients from any serious consequences.

National Medical Plan.—The United States Senate Subcommittee on War-time Health and Education submitted to the Senate Committee on Education and Labour recently a report recommending a nationwide plan for the distribution of medical services. The plan calls for the establishment of State or Federal medical areas,

each governing a network of "outpost health-centres and rural and district hospitals, as the first step towards solution of the nation's health problems. The "outpost" centres are designed to serve sparsely-populated areas and rural and district hospitals will serve as intermediate institutions. As the hub of the network, a large base hospital is recommended, comparable to the best present-day metropolitan medical centres. Existing public and private hospitals are recommended to be included in the proposed State or Regional networks.

Electronic Sterilisation. An apparatus is being marketed by the Industrial Electronics Division of the Federal Telephone & Radio Corporation, Newark, N.J., U.S.A., for the sterilisation of food and drugs by electronic heating. The method is regarded as the most effective and economical method yet devised for the treatment and prevention of insect contamination; and as one which kills, without injury to the material, all four life stages of the insects which ordinarily infest grains. Among products that may be sterilised in this way are packed finished products, such as flour, baking powders and similar foodstuffs, and also bandages, drugs of the sulphonamide group, sutures etc. A 3-kilowatt unit is capable of sterilising approximately 480 1-lb. packages hourly.

Domestic Production of Fats and Oils.—The United States Department of Agriculture reported on December 8, 1944, that, with production of fats and oils encouraged by expanded war-time demand, the United States output from domestic materials in the 1943-44 crop year totalled 11,200 million lb., against a 1937-41 five-year average of 8,200 million lb. The estimate of production for 1944-45 is approximately 10,000 million lb., the principal decline forecast (that in lard and grease) reflecting an estimated 25 to 30 per cent. reduction in the 1944 pig population. On the basis of preliminary estimates of 1944 crop returns based on November 1 indications, production of edible vegetable oils from domestic oil-seed in 1944-45 may total about 3,000 million lb., an increase of approximately 200 million lb. over 1943-44. Supplies of lard, grease and linseed oil are expected to be much smaller than in the previous year, and butter production is also expected to continue at a low level.

TOPICAL REFLECTIONS

Australian Pharmacy

The letter of Mr. Charles Earl (p. 672) will revive interest in the opportunities, actual and potential, for young and energetic pharmacists in Australia. It may be remembered that in your issue of January 6 there appeared a letter from the secretary of the Pharmaceutical Association of Australia and New Zealand advising aspirants not to be over-optimistic, and adducing facts that may be interpreted as suggesting an uncertain outlook for business in the Commonwealth. Due weight must be given to a statement so prudent and so well informed. In this paragraph, however, I am concerned with another aspect of the subject, the objection of people who say in effect, "Why, when man-power is likely to be scarce in the United Kingdom for some time to come, offer men attractions elsewhere?" That question, surely, indicates a very shortsighted view. The experience of the ending of the last major war shows that some men will be worried by the probability of returning to civilian life as misfits: with all the good will in the world, this unhappy sequel cannot always be avoided. It is for such men that I welcome this announcement of overseas openings. There is a further consideration. It will be bad for the Empire and Commonwealth if ever the spirit of adventure in our young people is discouraged, if the urge to thrust out into the unknown is regarded as eccentric or as "bad form." The youth who is being trained to envisage life as a banquet rather than a contest is not being helped to shape as a citizen of the best type.

Films, Ancient and Modern

Your discussion of the possibility of presenting cinema films that would be serviceable to pharmacy (p. 666) is timely. Not many years ago an effort by the National Pharmaceutical Union Executive to arrange advertising on a national scale met with so poor a response that so far no attempt to try again has been announced. A film, or a series of films, illustrating the place of pharmacy (in the widest sense of the word) in the life of the community might have a better reception by pharmacists. Two conditions are, I suggest, important. The first condition is that the control of the enterprise should not be entrusted to people unrelated to pharmacy, however eminent they may be in their own vocations. So many "howlers" have been perpetrated from time to time in the lay Press in dealing

with pharmaceutical matters that we have sufficient reason to fear dire results if outsiders have the last word in the production of films of the kind contemplated. The second condition is that separate films should be prepared under the auspices of different institutions—for instance, the Pharmaceutical Society, the National Pharmaceutical Union and the Guild of Public Pharmacists. Historical material is so abundant that the main difficulty in filming it would probably be selection; and when modern pharmaceutical methods were wanted, your report of a recent demonstration at Bristol (p. 652) indicates that there need be no shortage of attractive pictures of present practice. Authors of scenarios would, I trust, discountenance cheap laughs and "sob-stuff," neither of which has any place in an appeal of this kind.

At Henley-in-Arden

The article entitled "A Distinguished Midlands Pharmacy" (pp. 659-61) has an appeal for every reader of *THE CHEMIST AND DRUGGIST*, and especially for those whose experience goes back so far as that of Mr. T. R. Perkins, proprietor for virtually half a century of a business at Henley-in-Arden, in "the heart of the Shakespeare country," as the writer puts it. Some of the features of this pharmacy are unusual. Though I remember more than one shop with a row of small carboys on the top shelf, it is news to me that such bottles were ever used for *making* tinctures. They must have had wider mouths than most of those that I have seen, and the risk of making stains on the gold labels must have been considerable. The average capacity of those bottles was a gallon or a little more: practice was needed in order to pour from them neatly. The top shelf cannot have been an ideal place for them, as they were subject to frequent variation in temperature; but till recent years no one seems to have paid much attention to this drawback. The cover for the iron mortar shown on p. 661 is, I believe, a rarity, and the same remark may be made about the phoenix as an ornament on a door-knocker. Mr. Perkins is to be congratulated on his long ownership of a business with such traditions. His hobby is as interesting as it is unusual: to have travelled over every part of every British railway line used for passenger traffic is an enviable and perhaps a unique experience.

Xrayser

LEGAL REPORTS

Alleged Aspirin Murder.—At Plympton, Devon, recently, Mrs. Muriel Catchpole, Small Heath, Birmingham, was charged with the murder of Frank Sutton, a tool-maker, also of Birmingham. An alleged suicide pact was mentioned. In a statement, Mrs. Catchpole was alleged to have said that the two went into a wood and took, she thought, 300 aspirins each.

£300 Fine for Harboursing.—At Glasgow sheriff court, on June 29, Andrew Elliot, trading as Dales Botanic Medical Hall, 55 Queen Street, was fined £300 on a charge of harboursing uncustomed and prohibited goods. The charge concerned a quantity of 200 lb. of millet and canary seed, which Elliot was stated to have knowingly acquired from a corporal serving on a troopship on which the seed had been carried.

Pharmacy Act Cases.—At Shrewsbury, on June 26, Charles Alfred Dickin and his sister, Ellen Dickin, trading as Dickin & Co., ironmongers, 2 Wyle Cop, Shrewsbury, were charged with selling formaldehyde and phenol on May 1, without putting the seller's name and address on the label and without being registered on the local authority's list as sellers of poisons. They pleaded not guilty. For the defence it was stated that the bottle and the tin were both marked "poison." Any offence was purely technical. Dickin did not know it was necessary for him to be registered for the sale of these poisons or for the containers to be labelled. A fine of £2 was imposed on each defendant.

Diabetic Motorist Wins Appeal.—An appeal by Henry W. Watkins against a conviction for driving while under the influence of a drug (insulin) (see *C. & D.*, May 10, p. 498), was allowed at Bournemouth quarter sessions on June 25. The summons was a sequel to an accident in which Mr. Watkins' car collided with another vehicle. A police sergeant stated that, when he arrived on the scene, Watkins was incapable of understanding what was said to him, and when taken from his car had no control over his bodily movements. Medical evidence was to the effect that Watkins was unconscious and suffering from an overdose of insulin, and it was contended by defending counsel that insulin was not a drug within the meaning of the Road Traffic Act but a narcotic hypnotic. The recorder said that although insulin, in his view, was not usually regarded as a drug, it could not be otherwise described than as a drug. As to

whether Watkins was driving while under the influence of a drug, defending counsel was to some extent right in saying the drive was under the influence of insufficiency of food, but the food was only required to counteract the drug which had been taken and there was no doubt that the appeal was under the influence of insulin at the time. He allowed the appeal, and varied the sentence by dismissing the case, stating that there were reasons why Mr. Watkins should not be deprived of his driving licence as a result of the action.

INQUESTS

Lysol Suicide.—At Walsall, recently, a verdict of suicide was returned on Patrick John D'Arcy, who died on May 21 as a result of taking lysol.

Pint of Disinfectant.—A verdict that she committed suicide while her mind was unbalanced was recorded at an inquest at Walsall, on June 27, on Iris Joan Richard who was stated to have died after taking a pint of disinfectant.

Phenol Self-administered.—A verdict of death from a corrosive poison, of the phenol group, self-administered whilst the balance of her mind was disturbed, was recorded by the coroner at Wrexham recently on Mrs. Marion Lily Massey, King Street.

Aspirin Suicide.—At an inquest on Mr. Florence Taylor at Wallasey, recently it was stated that she had taken 300 aspirin tablets. The coroner (Major J. S. Crook) found that the deceased took her life intentionally by taking aspirin while the balance of her mind was temporarily disturbed.

Aspirin Overdose.—A verdict of death by poisoning from an overdose of aspirin self-administered, was recorded at an inquest at Worcester on Herbert Davis who was found dead in bed at a local hotel. Home Office evidence was that the stomach contained the equivalent of 335 5-gr. tablets of aspirin.

Intolerance to Thiouracil.—A verdict of death by misadventure was returned at St. Pancras, on June 25, on Mrs. Dorothy Whitty, Aldermaston, Berks, whose death was stated to have been accelerated by thiouracil used in the treatment of a form of heart disease. Her blood, said the coroner, had proved to be intolerant to this compound, and it made her a prey to sepsis

COMPANY NEWS

LONDON & SUBURBAN CHEMISTS, LTD. (P.C.).—Capital £100. Manufacturers of and dealers in chemicals, medicines, colours, toilet and photographic requisites, etc. Directors not named. R.O.: 25 Old Burlington Street, London, W.1.

H. HEYWOOD & Co., LTD. (P.C.).—Capital £9,000. Manufacturers and dealers in washing, cleansing and scouring powders, soaps, toilet preparations, etc. Herbert Heywood and Anne C. Heywood, directors. R.O.: Hopwood Works, Littlebank Street, Oldham.

UNIVERSAL PROPRIETARIES (MANUFACTURERS), LTD. (P.C.).—Capital £100. Manufacturing, pharmaceutical, photographic and dispensing chemists, etc. Cecil F. N. Cooper and Thomas I. Phelps, M.P.S., directors. R.O.: Roundhay Grange, Dib Lane, Leeds, 8.

WILFORD SMITH (CHEMISTS), LTD. (P.C.).—Capital £6,000. To acquire the business of a chemist carried on by Wilford Smith, 47 Church Street, and 93 Bridget Street, Rugby. Wilford Smith, M.P.S., and Thomas H. Matthew, M.P.S., directors. R.O.: 47 Church Street, Rugby.

KNIGHT INSTRUMENTS, LTD. (P.C.).—Capital £1,000. Manufacturers of and dealers in scientific instruments, surgical appliances, etc. Ernest A. Knight, Ernest A. Knight, jun., Wesley N. T. Gosling, and Francis B. Beach, directors. R.O.: 8 Great James Street, London, S.W.1.

PROCTOR COLE, LTD. (P.C.).—Capital £2,500. To acquire the business of a chemist and druggist carried on as T. J. Morris at three addresses in Muswell Hill, London, N. Norman G. Cole, M.P.S., and Arthur Proctor, M.P.S., directors. R.O.: 21 Station Parade, Muswell Hill, London, N.10.

A. THWAITES & Co., LTD. (P.C.).—Capital £2,000. To acquire the business of a chemist and druggist carried on by Margaret A. Thwaites, Park View, Whitley Bay, as A. Thwaites. Mrs. Margaret A. Thwaites, John A. C. Thwaites and Maurice B. Thwaites, directors. R.O.: 146 Park View, Whitley Bay, Northumberland.

RECKITT & COLMAN (OVERSEAS), LTD. (P.C.).—Capital £100. Manufacturers of and dealers in starch, dyes, bath salts, plain spirit, dental preparations, antiseptics and all other commodities which Reckitt & Colman, Ltd., or any of its associated companies is authorised to manufacture, etc. Arnold R. Cleminson, Albert C. Buck, Sir Jeremiah

Colman, Colonel Frederick G. D. Colman, Albert L. Reckitt, Herbert A. G. Salter, Geoffrey M. Samuelson, Douglas A. W. Cumming, Leslie B. Cort and Henry L. Knee, directors. R.O.: Danson Lane, Hull.

DUFAY-CHROMEX, LTD.—Proposals for the reorganisation of the share capital of the company have been submitted to shareholders.

COW & GATE, LTD.—A dividend of 15 per cent. on the ordinary shares is announced for the year ended September 30, 1944 (same).

W. & T. AVERY, LTD.—A final dividend of 10 per cent., less tax, has been announced, making 15 per cent. for the year ended March 31.

VITAMINS, LTD.—Net profit for year ended March 31 amounted to £31,977, compared with £30,933 in the previous year. Dividend, 25 per cent. (same).

EVANS SONS LESCHER & WEBB, LTD.—A dividend of 8 per cent., less tax, has been declared on the ordinary shares for 1944, compared with 5 per cent. in the previous year.

A. J. WHITE, LTD.—Directors' report shows net profit for year ended March 31, 1945, at £79,300. A final dividend of 7½ per cent., making 12½ per cent., is recommended.

ALLEN & HANBURYS, LTD.—Mr. John Netherway is retiring on June 30 from the position of secretary after fifty-one years' service with the company. He will remain on the board as one of the managing directors and as vice-chairman. Mr. F. W. Dennison, F.C.A. (assistant secretary), has been appointed acting secretary from July 1.

VOLUNTARY LIQUIDATION.—Meetings of shareholders and creditors of E. Young & Co. (Chemists), Ltd., will be held at 14-17 Holborn Viaduct, London, E.C.1, at 11.45 a.m. and 12 noon on July 30, to show how the winding-up of the company has been conducted.

CHANGE OF TITLE.—The Geigy Colour Co., Ltd., National Buildings, Parsonage, Manchester, 3, has changed its title to THE GEIGY CO., LTD. When first formed, the company was solely concerned with providing dyestuffs. The change reflects a widening of their field of activities, which includes plasticisers, moth and vermin proofing substances and insecticides.

TRADE NOTES

Representation in Palestine.—M. Toucatly & Co., Sansour Building, P.O.B. 376, Jerusalem, invite inquiries from firms wishing to introduce their products into Palestine.

Holiday Closing. The offices and works of Lofthouse & Saltner, Ltd., Hull, will be closed from July 28 to August 6 inclusive. During this period only urgent medical orders can be attended to.

Topical Publicity.—Potter & Clarke, Ltd., London, direct attention to their preparations this week in an amusing play upon the titles of the political parties which took part in the General Election on July 5.

Medicinal Mud. Caria Radium, Ltd., are again advertising their Caria-Radium medicinal mud preparations, including Spa mud, skin balm, skin soap, shampoo soap, shaving soap, foot powder, foot comfort, etc.

New Product.—Nicotinic acid tablets for oral administration have been made available by Pharmaceutical Specialities (May & Baker), Ltd., Dagenham. They are issued in containers of 25, 100 and 500 50-mgm. tablets.

Now Freely Available.—E. Griffiths Hughes, Ltd., Manchester, announce that it is now possible to supply Baxen without restriction. Best terms for small orders are obtained when the preparation is included in orders for other Griffiths Hughes products.

Representation in Eire.—M. G. Baynes & Co., Ltd., wholesale manufacturers and distributing chemists, 23 East Essex Street, Dublin, offer their services as representatives for manufacturers in this country interested in distributing products to customers in Eire.

Seasonal Quantity Discount.—Ashe Laboratories, Ltd., 120-22 Victoria Street, London, S.W.1, in their announcement in last week's issue (p. 18) omitted to state that a special quantity discount of 10 per cent. would be given on orders of one gross of their calamine lotion N.W.F.

Casein Hydrolysate. Herts Pharmaceuticals, Ltd., Bessemer Road, Welwyn Garden City, announce that they have made available Pronutrin brand casein hydrolysate, considerable amounts of which are being manufactured for the treatment of the starving peoples of liberated Europe. Production has now reached the stage when moderate though restricted supplies are available in this country. Pronutrin is

issued in 1-lb. tins of powder; material for intravenous injection is in course of production and it is hoped soon to make it available.

Novel Inhaler.—New principles of design providing extreme atomisation, are embodied in the Deodon inhaler, manufactured by Moore Medicinal Products, Ltd., Aberdeen. Being made of plastics it is practically



unbreakable in ordinary use, and the plastic air-tube and liquid-jet are straight and easily detached for cleaning with the Nylon cleaner provided. The inhaler consists of ten components, all standardised and replaceable, and quickly reassembled after cleaning. It can be used for inhalants of all kinds without corrosion. Trade details may be obtained from the makers.

All-India Distribution. T. Byramji & Co., Central Bank Buildings, Fort, Bombay, India, offer repacking and propaganda facilities and all-India distribution of proprietary medicines, drugs, chemicals, dressings, druggists' sundries, etc. Reference should be made to an announcement in this issue.

Diencaestrol-B.D.H. Prices.—The scales of prices specified in the advertisement of The British Drug Houses, Ltd., in last week's issue of the *C. & D.* were incorrect. Correct current prices are given in a B.D.H. advertisement in this issue. The tablets are now available in two additional strengths, namely 1-mgm. and 5-mgm.

BUSINESS CHANGES

MR. R. T. ALLEN (Aspro, Ltd.) has moved to the Manor House, 35 Green Hill, Wirksworth, Derbyshire.

CRACK PULVERISING MILLS, LTD., removed on July 3 to 49-51 Eastcheap, London, E.C.3 (telephone: Mansion House 109).

M. HAMBURGER & SONS, gum merchants, moved on July 3 to Ceylon House, Eastcheap, London, E.C.3 (telephone: Mansion House 4139).

MR. WILLIAM R. HEADING, B.Sc. (Glas.), Ph.C., F.R.L.C., has been appointed chief chemist and process manager at the Birmingham works of Brotherton & Co., Ltd., Leeds.

PLYMOUTH CO-OPERATIVE SOCIETY, LTD., is taking over on July 16 the Wolseley Pharmacy, 18 Fairmont Terrace, Wolseley Road, Ford, hitherto conducted by Mr. T. H. Harris, M.P.S. The Society now has eight pharmacy branches.

MR. R. L. LOVEGROVE, M.P.S., has acquired the pharmacies of Mr. F. W. Burgess, M.P.S., 138 Preston Drove, and 12 Hollingbury Place, Brighton, 6. Mr. Burgess founded the business in 1904 and has been on the Pharmaceutical Society's register for fifty-one years.

MONSANTO CHEMICALS, LTD., advise us that their sales department will again be operating from Victoria Station House, Victoria Street, London, S.W.1, commencing July 9; orders and communications to the department should be addressed accordingly. For over five years war conditions have compelled Monsanto to centralise their organisation entirely at their Ruabon factory, which inevitably has limited opportunities for personal contact with the trade. It is hoped that, with the return to London of those members of the staff who have for many years had the pleasure of close personal contact with their friends in the trade, opportunities will be afforded for an early re-establishment of those associations.

Proprietary Articles Trade Association

Additions to Protected List.—Glaxo Laboratories, Ltd., Anethaine ointment, $\frac{3}{4}$ -oz. tube, 3s. 6d. doz., tax 5s. 3d. doz., inclusive retail price 3s. 11d. Flavogel, 9-oz. (new size), 94s. 6d. doz., tax 15s. 9d. doz., i.r.p. 11s. 10d.

Kaladex Co., Kaladex, 24s. doz., tax 4s. doz., i.r.p. 3s. 4d.; 40s. doz., tax 6s. 8d. doz., i.r.p. 5s. 7d.; 96s. doz., tax 16s. doz., i.r.p. 13s. 4d.

Alterations.—Glaxo Laboratories, Ltd., Nicorbin tablets, 25's, 3s. 6d., 28s. doz.; 100's, 10s. 6d., 84s. doz. (exempt from tax).

WILLS

MR. FREDERICK WILLIAM WRENCH, Ph.C., 152 Malmesbury Road, Southampton, left £9,938, with net personality £877.

MR. THOMAS LITTLE, M.P.S., Larnhill, Cliester Road South, Kidderrinstin, Worces, left £6,981, with net personality £2,496.

MR. JAMES DOWNING, M.P.S., 34 and 257 Archway Road, Highgate, London, N.6, left £4,102, with net personality £3,999.

MR. HARRY BARKER MORRIS, M.P.S., 20 Park Avenue, Kidsgrove, Stoke-on-Trent, Staffs, left £4,792, with net personality £3,332.

MR. WALTER THOMAS JOHNSON, M.P.S., 245 Hainault Road, Leytonstone, London, E.11, left £11,478, with net personality £5,519.

MR. GEORGE MACNAB SIDEY, M.P.S., Edinburgh Road, Musselburgh, Midlothian, left personal estate in Great Britain valued at £4,470.

MR. LEON LEWIT, Heathfield, Bishops' Avenue, London, N.2, joint managing director of Dufay-Chromex, Ltd., left £124,828, with net personality £113,481.

DR. MARY KATHLEEN FORSAITH KITCHIN, M.Sc., Wimbledon, at one time assistant curator at the Wellcome Historical Medical Museum, left £7,300, with net personality £2,773.

MR. JAMES CROOKSTON, Outram House, St. George's Avenue, Weybridge, Surrey, chairman of the Egyptian Phosphate Co., Ltd., left £6,554, with net personality £6,321.

MRS. ISABELLA LAIRD HARROLD, Braemora, Victoria Road, Forres, widow of the late William M. Harrold, M.P.S., left personal estate in Great Britain valued at £5,084.

MR. RALPH ROBERT WILKINS, Cecils, Chigwell, Essex, Director of Supplies (Specials), Ministry of Supply, and formerly a director of Victor Blagden & Co., Ltd., left £49,655, with net personality £41,709.

MR. WILFRED WEBSTER ATKINSON, M.P.S., 27 Willis Road, Swaythling, and 147 Above Bar, Southampton, joint managing director of Bates & Co., Ltd., chemists, left £7,971, with net personality £7,915.

DR. HENRY DREYFUS, D.Sc., Hyde Park Hotel, London, S.W.1 (chairman and managing director of British Celanese, Ltd., and a pioneer of the rayon industry), left £2,499,492, with net personality £1,908,423.

A PRACTICAL POLICY FOR TODAY

by J. Ross-Mansell, B.Sc., M.P.S.

THE National Pharmaceutical Union's "Lease-Lend" scheme, admirable though it is, aims at preventing retail chemists from being compelled to sell businesses to the multiples, but does not, of course, help the pharmacist to remain in business, or to face the competition of those same multiples, who may very much want to see him out of business. This is not, perhaps, the psychological moment to assert that proprietor-pharmacists stand a good chance of being squeezed out of existence. Business today is good, and the average chemist has faith in such business-soporifics as "personal service" and "individual attention," which are the two main features of what he offers to the public, and which, he feels, justly entitle him to at least survival. The fact that, today, any service, any commodity, any product, commands good prices, and a demand far in excess of supply, is no indication that this state of affairs is going to continue. On the contrary, it is only necessary to be endowed with ordinary common sense to forecast with accuracy that there will be a post-war scramble for business, and that the "small man" must suffer in the process. Already much emotional sympathy is being displayed towards the small man; one of the big daily newspapers is conspicuously ready to shed tears on his behalf.

Proprietor-pharmacists' Hazards

Proprietor-pharmacists face a greater risk of extermination than any other kind of trader. They belong to a profession that anyone with capital can enter and exploit. With the "co-ops" scrambling after businesses, with bazaar stores opening or planning to open "chemists' departments," with the multiples openly organising to smash the small shopkeeper; with the threat of municipal dispensaries, clinics, and health centres—who can remain complacent about the situation and prospects of proprietor-pharmacists?

I plead for co-operation. The essential features of my scheme are that (a) it needs comparatively little money; (b) it achieves unity without jeopardising individuality; and (c) it will probably receive no "official" blessings of any kind. There is already in existence a good model on which to base a scheme for craft co-operation. That is the "National Eye Service." In this scheme, dispensing opticians have pooled

their services, and, although separate entities, form a cohesive unit in the approach to the public. There are features of the service which call for criticism, but others merit serious consideration. For example, permission to enter the "National Eye Service" is reserved to "approved" traders, who must be able to give a service of accepted standards of efficiency, at then only where there is a need for the service. In other words, the basis of trade union organisation—"the closed shop"—has been achieved. The individual optician takes second place. In all approaches to the public the "National Eye Service" stressed, not the name of any particular optician. Thus, in a "National Pharmaceutical Service," the proprietor-pharmacists would form a common sales organisation and common pool for their dispensing services, and would constitute a craft co-operative movement. Participants would have to be qualified pharmacists, or limited companies in which the majority of the shares are held by qualified pharmacists, and new entrants to the service would be regulated by the need for their services.

Working of a Co-operative Scheme

In order to see how this would work out in actual practice, let us take a typical district, say a suburb, for the purpose of illustration. In the one I have in mind there are two multiple shops, two "co-ops," and seven pharmacist-proprietors, two of them trading as limited companies. The seven proprietors would be eligible to join the service. All advertising of their service would be on co-operative lines, and although co-operative methods of buying and manufacturing have not in the past met with the success they have deserved, so far as possible co-operative methods of business trading would be encouraged. The essential factor would be a co-operative pooling of services, with uniform window displays, facias, and, so far as possible, shop fronts. It should be made easy for the man in the street to recognise a pharmacy belonging to the service. It should soon be possible to educate him to the fact that the service is restricted to qualified pharmacists, and that it is in his interests to go to practitioners belonging to the service. Only one of the seven pharmacists need keep elaborate stocks of medicinal proprietaries and surgical equipment: each one, in fact, could specialise in one or more aspects.

In such a scheme, the disadvantages of the one-man business are removed, and proprietor-pharmacists secure advantages now denied them. The scheme is workable and financially sound (a 1 per cent. levy on turnover would pay handsome dividends) and, if one pharmacist of the group wished to retire, his business could be bought by the group and run co-operatively. I have deliberately omitted working details, for these are unimportant compared with the essential principle of the scheme—namely, craft co-operation. Professional pharmacy could come into its own.

Advantages to the Public

The public would be educated to new standards of pharmaceutical service and would enjoy all the advantages of multiple-concern methods of trading. There is no

reason why the seven pharmacists in the example quoted above cannot get together; there is no reason why pharmacists under any branch of the Pharmaceutical Society cannot put craft co-operation into effect.

It is not enough to prevent businesses being sold to the multiples: that is negative prophylaxis. What is wanted, and in my opinion wanted soon, is a scheme to keep the small man going and to save pharmacy from the financial "sharks." The choice is co-operation or assimilation. Any student of economics will agree that the trend of business trading makes this the only choice. Soporifics and placebos will be offered in plentiful measure by those who are looking at pharmaceutical economy through rose-coloured spectacles, but pharmacy has now to concentrate on essentials—unite and survive, or remain isolated and succumb

ULSTER CHEMISTS' GOLF

THE Ulster Chemists' Association had its first meeting of the 1945 golfing season at the Royal Belfast Golf Club, Craigavad, co. Down, on June 6, when the competition for the McMullan cup, which had been suspended during the war, was resumed. Mr. George F. C. Balmer was the winner and Mr. C. C. Connolly was the runner-up. The visitors' prizes results were as follows: 1, Mr. W. Browne (77 net); 2, Mr. R. J. Jeffers (78 net). The afternoon sweepstake bogey competition was won by Mr. D. Paul (1 down); second, Mr. R. J. Jeffers (4 down). Mr. F. D. McMullan said he was pleased to see such a good attendance. Since last they had met the Association had lost two members who had taken a keen interest in the competitions: his brother, who was their president, and Mr. Thomas Macauley. On their behalf he would like to express their deep sympathy with Mrs. Macauley and other members of the family. He also thanked members for kind expressions of sympathy received at the time of his brother's death.

Officers for the Year

At a business meeting of the Association held after luncheon, Mr. F. D. McMullan was unanimously elected *President*. The outgoing *Committee* were re-elected, as were also Messrs. J. R. Guiler (*Treasurer*) and Mr. James McClenahan (*Secretary*). Resolutions were passed authorising the committee to redraft the rules of the McMullan cup competition in consultation with the donors (Thomas McMullan &

Co., Ltd.), and to form an Ulster Chemists' Golfing Association, membership of which should be confined to persons intimately connected with the drug trade in Northern Ireland, at an annual subscription to be fixed at each annual meeting. The president announced that the committee had accepted the offer by Mr. W. B. Groves of a cup to be competed for annually, together with a replica to be given to the winner each year. The rules for the competition would be drafted by the committee. Mr. Groves said he wished the cup to be a memorial to his father (the late Mr. R. J. Groves). Mr. J. H. Miles, Dublin, said he believed he and Mr. J. A. McRoberts were celebrating the jubilee of their connexion with the Ulster Chemists' golf competitions. Mr. Walter Lindsay (Thomas McMullan & Co., Ltd.) then handed over the McMullan Cup and other prizes won at the morning competitions, and Mr. J. R. Guiler (treasurer) the prizes for winners in the afternoon competitions.

Nutritive Value of War-time Foods.

War Memorandum No. 14, issued by the Medical Research Council under the title "Nutritive Value of War-time Foods" (H. M. Stationery Office, price one shilling), contains fifty-four pages of tables setting out the values for the composition of foods. The tables are suitable for evaluating dietary surveys and planning diets. Table 1 deals with the composition of the edible portion of foods; table 2 with foods as purchased per 100 gm.; and table 3 with foods as purchased per oz.

PERSONALITIES

MRS. NETTIE BROCKLEHURST, M.P.S., who was recently elected president of the



Hull Chemists' Association and Branch of the Pharmaceutical Society (see p. 2), has also been elected president of the Inner Wheel Club of Hull, an organisation formed by the wives of Rotarians. For the past three-and-a-half years Mrs. Brocklehurst has managed the branch of her

husband's pharmacy at Anlaby Road, Hull, doing all the dispensing; but, as she says, they have three shops and she has assisted wherever and whenever required. She has also found time for much voluntary service, including secretaryship of the Inner Wheel Club and of the Rotary and Inner Wheel joint air-raid distress fund. She has worked with the Hull Women's Voluntary Service, particularly in the air-raid welfare section. She is a member of the Women's Hospital and Townend Maternity Home Committee, and of the Soldiers', Sailors' and Airmen's Families' Association. A Scot, Mrs. Brocklehurst (*née* Taylor) served her apprenticeship with Sutherland & Gairn, Edinburgh, and qualified in 1930 from the Royal Dispensary. She had experience in Surrey, Rutlandshire, and with Lewis & Burrows, Ltd., in the West End of London, before going to St. Giles, Edinburgh, as manager, and finally, on her marriage to Mr. E. A. Brocklehurst, M.P.S., to Hull. Her husband, himself a former president of the Hull Association, is a member of the Pharmaceutical Society's Council and of the Executive of the National Pharmaceutical Union. Mr. and Mrs. Brocklehurst have two daughters, aged ten and six respectively.

SIR ALEXANDER FLEMING, discoverer of penicillin, was on June 23 awarded an honorary degree of Doctor of Science by Princeton University, New Jersey, U.S.A.

SIR THOMAS ROBINSON, doyen of Irish pharmacy, celebrated his eighty-first birthday on June 25. Sir Thomas will have been fifty-nine years on the register of the Pharmaceutical Society of Ireland in September.

Mr. C. J. CREMEN (president of the Pharmaceutical Society of Ireland) was amongst the leaders of the professions invited to be present at the inauguration of Mr. Sean T. O'Kelly as President of Eire on June 25.

Mr. F. M. WELLS (managing director Sanitas Co., Ltd., W. Woodward, Ltd., Oppenheimer, Sons & Co., Ltd., Elsau Manufacturing Co., Liquefruta Laboratory and Medical and General Exporters, Ltd.) has been appointed a Sheriff for the City of London. Mr. Wells was made a member of the Court of Common Council for the City of London in 1939, and was unanimously elected Alderman of the Bread Street Ward in 1941.

DEATHS

ANDERSON.—At 24 Abercorn Drive, Edinburgh, S, on June 23, Mr. James Thomson Anderson, husband of Mrs. Margaret Grant Anderson, M.P.S.

MAXWELL.—Suddenly, at 4 King Street, Montrose, Mr. Thomas Wellwood Maxwell, Ph.C., formerly of Strathpeffer Spa, Ross-shire. Mr. Maxwell qualified in 1888 and gained the pharmaceutical chemist qualification in 1890. He is survived by his widow and two daughters.

PARKINSON.—Recently, Mr. Cecil Henry Parkinson, M.P.S., 14 York Road, Winchmore Hill, London, N.21. Mr. Parkinson qualified in 1893.

ROPER.—On June 19, Mr. Frederick Alfred Roper, Ph.C., 18 Collings Park, Hartley, Plymouth, aged seventy-seven.

WILSON.—At Napier, Hawkes Bay, New Zealand, on June 9, Mr. William Edward Wilson, Ph.C. (Northern Ireland). Mr. Wilson was formerly with J. & J. Haslett, Ltd., Belfast; but went into business on his own account at 31 North Street, Belfast, for about ten years before retiring in 1926. He served a term as member of the Council of the Pharmaceutical Society of Northern Ireland, representing the Druggists' Association. A Freemason, Mr. Wilson was one of the oldest members of Lodge No. 51, and a foundation member and Past Master of Galen Lodge, Belfast. Mr. Wilson went to New Zealand in 1940.

WYSE.—In a prisoner-of-war camp in Rangoon, Burma, in August 1943, Mr. Kenneth Renwick Wyse, only son of Mr. David Wyse, M.P.S., 12 John Adam Street, Port Glasgow.

CANADIAN NOTES

Penicillin on Sale in Shops.—Since March 1 penicillin has been on sale in pharmacies in Montreal. It is supplied only to medical men or on a doctor's prescription. The retail price of the drug has not yet been clearly established, it is understood.

Deputation on Lotions as Beverages.—A promise to cancel the licences of establishments reported by police to be selling lotions such as bay rum and lilac lotions for drinking purposes was made by the mayor of Toronto to a deputation recently, when it was urged that alcoholic lotions should be sold by pharmacists only.

Factory Extension at Quebec.—A 210-acre site has been purchased by Merck & Co., Ltd., at Valleyfield, Quebec, in anticipation of continued growth of the company, which includes the manufacture of penicillin, the sulphonamides and vitamins among its operations. Construction is to be started so soon as conditions permit.

Methyl Alcohol Not Labelled Poison.—Toronto drug supply company, Ingram & Bell, Ltd., was recently fined \$500, with costs, on a charge of failing to affix to a shipment of methyl alcohol a label describing it as poison. It was stated that fourteen persons had died from its effects and several others had been taken to hospital after drinking the spirit, which had been removed from a ship at St. John, New Brunswick.

Banting Memorial Lecture.—Surgeon-captain C. H. Best, co-discoverer of insulin, who delivered the fourth Sir Frederick Banting Memorial lecture at the University of Toronto recently, forecast a critical situation if the present demand for insulin continued at its present rate. Total distribution of insulin in Canada and the United States had doubled every five years or the past fifteen years, he said. The number of diabetics was rapidly increasing.

Pressure to Form Pharmacists' Corps.—Formation of a Pharmacists' Corps in the Canadian Army is to be pressed upon the federal Government at the next session of the House of Commons, it is announced by the president of the College of Pharmacists of the Province of Quebec and vice-president of the Canadian Pharmaceutical Association. It is emphasised that the main purpose of the movement is that qualified pharmacists in the army shall be employed at work for which they had

studied for years. In the past every effort to establish a Pharmacists' Corps in the Canadian Army has been met by the assertion that there is none in the British Army. In reply to that, it is now possible to point out that there is a Pharmacists' Corps rendering invaluable expert service in the United States Army.

Substitute for Blood Plasma.—The possible use of polyvinyl alcohol as a substitute for blood or blood plasma in treating certain types of shock cases is envisaged by Roome and others in the "Canadian Medical Journal." The writers suggest that the use of this material may be desirable as a first treatment for hæmorrhage or shock, assuming that hæmostasis can be obtained or that direct bleeding is not a prominent feature.

Federation for Advancement of Pharmacy.—Formation of a national organisation to improve the standards of pharmacy was approved by the Canadian Pharmaceutical Association at their annual convention in Toronto on March 7. It will be known as the Canadian Federation for the Advancement of Pharmacy, and will be non-profit-making. The federation will be empowered to solicit bequests and receive grants from all branches of the drug manufacturing and retailing trade, and to allocate money to each of the seven colleges of pharmacy in Canada.

Chemical Industry Progress.—Neoprene and synthetic rubber are examples of the important contributions of the Canadian chemical industry to the cause of the Allies. A new plastic called polythene, one of the insulating materials for high-frequency cables, has contributed to a large production of Radar in Canada to help win the Battle of Britain. Canadian industry also supplies the chlorine, caustic soda and sodium sulphate essential in the production of commodities from wood pulp that will add considerably to Canada's post-war trade. The Canadian mining industry relies on chemistry for explosives to get ores out of the ground as well as for the special chemicals required for the refining and processing of gold, copper, zinc, lead, nickel, and other metals. A process employed for extracting magnesium from dolomite ores has been discovered and, as a result, more than ten tons of magnesium daily had been produced by the end of 1943, after supplying all domestic needs. The greater part of the output was exported to the Allies.

'TRIAD' CHERRY Flavoured MALT & OIL

GOLD CURE CAPSULES

'VYTINA' TONIC TABLETS

HALIBUT OIL & MALT

TONIC PHOSPHATES

TIN OX TABLETS



John Bell
PRODUCTS

reliability remembered
demand undiminished
supplies somewhat short

JOHN BELL, HILLS & LUCAS LTD.
Oxford Works, Worsley Bridge Road, S.E.26

RANKIN BROTHERS & SONS

(RANKIN PARTNERS, LTD.)

139 BERMONDSEY STREET LONDON S.E.1

for DISPENSING

CORKS

OWNERS OF THE FINEST
CORK FORESTS IN PORTUGAL

M. TOUCATLY & Co.,

Sansour Building, P.O.B. 396,
Jerusalem

Manufacturers' Agents, Buyers & Distributors,
Enquiries invited from firms wishing to introduce
their products into Palestine.

I wish to hear from Exporters of Chemicals
Crude Drugs, Spices, Gums, etc.

Inquiries are invited from Importers of Spanish
Herbs and Roots, Crude Drugs and Essential Oils

RUPERTO BUSTO

Cornella (Barcelona), Spain

GROUND

DRIED YEAST

MIDGLEY & PARKINSON, LTD.
WARREN WORKS, PUDSEY LEEDS

S.V.R

JAMES BURROUGH LTD.

1 Cale Distillery, Lambeth, S.E.11

TRAGACANTH

SPECIALISTS IN B.P. POWDER

SAMPLES AND PRICES ON REQUEST.

FREUDENTHEIL, SMITH & CO., 16 Philippot Lane

London, E.C.3.

MANsion House 1924 & 6600.

Estd. 182

BETTER
Advertising
&
MARKETING

40 years' success with proprietary
lines of national and inter-
national fame enable us to offer our
clients many solid advantages. Our
advertising sells goods at the lowest
on-cost.

STUART HIRST, LTD.

Survey House, 15 Bond Street, Leeds, 1



• WILCOX, JOZEAU

WHITE LION ST.

FOREIGN PROPRIETARIES

NOW MADE IN ENGLAND

• TELEPHONES: TERMINUS 3088

DRUG TRADE PRINTERS

LABELS, WINDOW BILLS, FOLDERS, ETC.

Enquiries Solicited

RAVENSWORTH (PRINTERS) LTD.

BIRTLEY, Co. DURHAM

INFORMATION WANTED

Information with respect to suppliers of unde-
mentioned will be appreciated:—

Stabional weed-killer.
Ilon Co., Ltd. (present
address).

Biculate tablets.
Codopyrine tablets.
Cystein.

S.C.P. ampoules.

THE CHEMIST AND DRUGGIST

ESTABLISHED 1859

for RETAILER — WHOLESALER — MANUFACTURER

Circulates throughout the Pharmaceutical, Chemical, Drug, Essential Oil, Perfumery, Cosmetic, Toilet Preparation and allied Trades and Industries in Great Britain, Eire, the British Empire, and foreign countries

Official organ of The Pharmaceutical Society of Ireland, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Ireland and of other Chemists' Societies in the Empire

VOL. CXLIV

JULY 7, 1945

NO. 3413

Plans for a Centenary

PLANS to celebrate this year the centenary of the Imperial College of Science and Technology may cause surprise to those who can recall the establishment of the College in South Kensington. In fact the Imperial College of Science and Technology was constituted by Royal Charter in 1907 as a federation of three older colleges: the Royal College of Science, Royal School of Mines, and City and Guilds College (formerly the Central Technical College of the City and Guilds of London Institute). These, in turn, were related to earlier institutions from which the Imperial College can therefore trace descent, and the earliest of all, the Royal College of Chemistry, is the one whose centenary falls this year. The first president of the College was H.R.H. Prince Albert (later the Prince Consort), who, in 1851, had also opened the Museum of Practical Geology in Jermyn Street, London, with which de la Beche associated his "Government School of Mines and of Science applied to the Arts." From this source, at a later date, both the Royal School of Mines and the Royal College of Science derived, and the Prince Consort's name is thus associated with two of the constituent colleges of today.

The exact date of the centenary celebrations has not yet been fixed, but the College has recently launched an appeal for funds

which, by providing an endowment, will enable a corporate life to be developed more comparable with that of colleges in the older universities, and the residential accommodation to be suitably increased. It is hoped to make a start in both directions during the present year. Believing in the importance of a background of wider interests as a supplement to intensive technological training, the College seeks to establish new laboratories, new equipment, and additional staff and income with which to extend the provision of the most advanced training and research. It may not be possible to carry out a building programme at present, but much can be done within the College to improve its amenities. The Imperial College is a school of the University of London, and the subjects at present available for study or as fields of research include biochemistry and biology, chemistry, physics and chemical engineering.

British Industrialists and Bretton Woods

THE Federation of British Industries, which has issued a second report on the final act of the United Nations Monetary and Financial Conference (held at Bretton Woods, U.S.A., in 1944), favours general acceptance of the Conference proposals. In the final words of the report: "The Federation has reached the conclusion that, even if the United Kingdom is unable to secure, at the present stage, all the amendments and modifications of the proposals of the Bretton Woods Conference that it would desire, the Federation, nevertheless, as in its interim report, would continue to support the broad principles of the Final Act in the event of the Final Act being approved as it stands by the Congress of the United States of America."

A. Noteworthy Decision

The co-operative spirit manifested in this decision is to be commended. It is the surest guarantee that the proposals, whatever their shortcomings may be, will be given the fullest opportunity of being put into operation. The decision is especially noteworthy, since, in an earlier report made by the Federation, doubts were expressed

whether the suggested plan was not too rigid to be successfully worked. The F.B.I. spokesmen now seem satisfied that there is a sufficient flexibility, although a number of objections are set out in the opening paragraphs of the second report. It is pointed out that the "transitional period" (i.e., the reconstruction period after the war, during which adjustments are in process of being made in the economic system and balance of payments) is a matter of particular importance and delicacy to Great Britain, in view of her war expenditure and her diminished volume of external assets. An "empirical approach" is recommended to the problem of fixing rates of exchange, and the Federation would like to see it provided that revisions in rates of exchange during the transitional period should be without prejudice to subsequent exercise of members' rights of revision. The sterling area is discussed in relation to the proposals, and the Federation expresses itself as satisfied that there is no essential antagonism between the conception of a sterling area—which "carries with it no implication of an exclusive policy in international trade or finance"—and the objects of the International Monetary Fund.

Twofold Importance

The extreme importance of the Federation's substantial acceptance of the proposals is twofold. In the first place it is a powerful vote on the side of multilateral as against bilateral trading among the nations; and secondly, the courageous decision not to let reservations on matters of detail stand in the way of general acceptance makes it much more likely that the proposals will be ratified by other countries. The Bretton Woods plan is the first attempt to inaugurate by deliberate intention an expanding world trade on a workable exchange system that will render *ad hoc* bargains between individual nations unnecessary. Its success can hardly fail to lead to new extensions of international co-operation and agreement in the normal progress of events. Failure would plunge the world back into the worst perils of trade friction, economic warfare, diminishing volume of trade, and world-wide depression.

Post-war Packaging for the Tropics

SINCE the Anglo-American Services Exhibition on Tropical Preservation and Packaging opened at Feltham last October, more than 20,000 visitors have seen this instructive display. The exhibition provides a comprehensive range of specimen tropical packages with technical information about the materials used, and short instructional films dealing with the methods used in tropical packaging. As a demonstration of British and American practice, its value is now by no means confined to purely wartime needs, but should be of considerable interest to manufacturers with post-war export packing problems to solve.

The number of applications for invitations in the early months was far in excess of the day-to-day capacity of the exhibition, and limitations had to be imposed on the number of representatives sent by individual firms. It is now possible, however, to accept a much wider representation from industrial firms, and management can be permitted to send key members of their staffs engaged on preservation and packaging work. Parties will be organised from all parts of the country. Applications for invitations for personnel concerned with packing should be sent to the Exhibition Officer, Anglo-American Services Exhibition, Central Ordnance Depot, Feltham Middlesex.

The practical value of the exhibition to manufacturers is greatly enhanced by the invitation which is extended to all visitors to join conducted tours of the preservation packaging and flow packing sheds at the depot itself. In these sheds can be seen the complete sequence of operations involved in tropical packing, from the receipt of stores for cleaning and degreasing to the final packing in wood cases for shipment. This enterprise is something more than an exhibition and it is of particular interest to manufacturers and exporters of goods of the drug trade.

It's Over Now.—Vast quantities of paper have been used by election candidates. Circulars and other printed matter should now be sent for salvage.

NAME DELETED AND COMPANY DISQUALIFIED

Two cases were before the Statutory Committee of the Pharmaceutical Society on June 28. The first concerned Mr. Sydney Tatlow, Ph.C., 20 Market Street, Eckington, nr. Sheffield.

Name Removed from Register

Laying before the Committee the facts of Mr. Tatlow's conviction at Renishaw Petty Sessions, Derbyshire, on July 31, 1944, Mr. W. J. C. Quarrell (solicitor for the Pharmaceutical Society) said that Mr. Tatlow was registered in 1932. He had been convicted and fined for the manufacture and sale in considerable quantities of gelatin products under the names Crysto and Crystojell table jellies. The Manufactured and Prepacked Foods Control Order, 1942, as extended by another Order made a month or so later in the same year, prohibited the manufacture and prepacking of many foods, including gelatin products. Another article of the same Orders prohibited the sale of such foods. There was no dispute that the articles were gelatin products, or that they were manufactured.

Mr. Tatlow had applied for a licence to manufacture table jellies, but had been informed no licences were issued. Under the general licence to sell foodstuffs by retail, which included jellies, Mr. Tatlow could not possibly have assumed he was entitled to manufacture and sell table jellies, in view of a letter informing him that he could not have a licence under the 1942 Order. Six tons 5 cwt. had been purchased by Mr. Tatlow from a Mr. G. B. Field at a total cost of £1,600, and flavouring essences to a value of £177. Mr. Tatlow had sold the jellies at £3 6s. and £3 12s. per gross, and had made an illicit profit of £23 10s. Fines had been imposed amounting to £682. Most of the gelatin had clearly been invoiced "for technical purposes only, and not edible purposes," and in fact a letter had been sent to Mr. Tatlow asking for an assurance that the gelatin would not be used for other than technical purposes.

Inspector's Evidence

A divisional enforcement inspector of the Ministry of Food gave supporting evidence, pointing out that the convictions registered only represented the sale of approximately one-quarter of the bulk purchases of gelatin. The convictions related to 384 gross, and each jelly averaged 1 oz. in weight, or the equivalent of 9 lb. gelatin

to the gross, and accounted for 1½ tons of the total quantity of gelatin purchased.

MR. QUARRELL: It would be fair to say you did trace these particular jellies in various parts of the neighbourhood, other than those referred to in the prosecution?

—Yes, they had got into the hands of market traders.

Mr. Tatlow, addressing the Committee, said he honestly believed that, as a chemist, he was entitled to make jellies and sell them in his shop. He had been in pharmacy for seventeen years, and had been in the habit of making things when he wanted them. The chairman asked about the letters to the Ministry, inquiring about the manufacture of jellies, and which had been sent by the company of which Mr. Tatlow was governing director, over his signature. Mr. Tatlow said the company was a separate manufacturing business, which had nothing to do with his retail pharmacy. His retail pharmacy was next door.

THE CHAIRMAN: Possibly so, but whether it was connected with your business or not it put you wise to the fact that no one could manufacture jellies without a licence. Mr. Tatlow said he saw that now, but not at the time. He was selling jellies quite openly in the shop, and made no attempt to do any under-the-counter work with them. He had no personal recollection of the letter asking for the assurance about using the gelatin for technical purposes. All the transactions had been paid for in cash, partly because Mr. Field had insisted on receiving cash. He had assumed that his licence to sell foodstuffs by retail was a licence to make them.

Giving judgment, the Chairman said the case concerned the activities of Mr. Sydney Tatlow, and to a certain extent it involved a company known as Sydney Tatlow, Ltd. They had it in correspondence that, somewhere about March 1943, letters were written by Sydney Tatlow, Ltd., signed by Mr. Tatlow himself as a director, asking the Ministry of Supply whether the company was entitled to manufacture table jellies; they were informed they could not be manufactured without a licence. In the summer of 1943 they found Mr. Tatlow personally—not the company—purchasing large quantities of gelatin and flavouring essences from wholesalers, mostly from one firm. All the purchases had been paid for in cash, and not, as one might have expected, by cheque. After his conviction, Mr. Tatlow had said, "In my own chemist's

business I have a licence to sell table jellies, and assumed that this entitled me as a chemist to make and sell jellies, which I did." That form of licence had been in use since eighteen months before the Order applicable to table jelly manufacture was made.

"We have formed without any hesitation," declared the Chairman, "a very clear idea of Mr. Tatlow's objects. . . . Mr. Tatlow saw an opportunity of making easy money, and he laid himself out deliberately to contravene the law, to the prejudice of the national interest and to the prejudice of other members of the profession." He then announced the Committee's decision directing the Registrar to remove Mr. Sydney Tatlow's name from the Register.

Disqualified from being Authorised Seller

The second case to come before the Committee concerned Ripley Webb, Ltd. Mr. Quarrell said the company was formed in December 1937. In the summer of 1939 a Mr. G. H. W. Spedding, who at that time described himself as a medical propagandist, acquired control. Neither the company nor Mr. Spedding were represented at the inquiry. Both had been convicted of selling poisons while not authorised sellers, and at Lambeth police court on January 25 had been fined on several counts. Two premises were involved, one of which had since been destroyed by enemy action. A shop at 367 Lordship Lane, owned by a pharmacist called Rubbra, had been taken over by Spedding, and Rubbra had remained in the firm's employment on a part-time basis, so far as his age and feeble health allowed. Mr. Rubbra had died in December 1944. The sale of Rubbra's business had given Spedding the opportunity of doing a very ingenious thing. Mr. J. D. Robinson, the registered superintendent of the company, had left its employment on October 22, 1943, and no one else had been appointed. At Stuart Road, S.E.15, the company's main premises, there was no superintendent or other qualified man. A good deal of National Health Insurance dispensing had been carried on at Stuart Road, and Spedding had submitted accounts for March and April 1944 under the cover of Rubbra's name. When that was brought home to Spedding he admitted he had used Rubbra's name to cover the dispensing at Stuart Road. Mr. C. H. Lyon, for the London Insurance Committee, and Mr. G. A. Tocher, for the London Pharmaceutical Committee, reported the result of a joint investigation, in which Mr. Spedding had admitted that a

cheque for £56 made out to Mr. Rubbra had been endorsed by himself.

Giving the Committee's decision, the Chairman said Ripley Webb, Ltd., had been formed in 1937, and was acquired two years later by Spedding. It had been convicted of offences under the Pharmacy Acts before Spedding had taken the company over, and there had been convictions after Spedding got control. "Within a comparatively short period the body corporate has been convicted of four offences, and on three of the four occasions Mr. Spedding has been convicted. It is perfectly obvious that this is a deliberate and long-continued attempt to ignore the provisions of the Pharmacy Acts with respect to medicines containing poisons," declared the Chairman. "It does not end there, because there is also the evidence which has been given to us about what we regard as a deliberate attempt to deceive the Insurance Committees as to the premises and the person by whom the N.H.I. prescriptions were made up. To our mind it is a very bad case, perhaps as bad a case as is likely to occur, and it is quite clear to us that we must take action against the company, who have not taken the trouble to appear here today to show cause against this complaint. The only question which raised any doubt in our minds was which of the two penalties we should inflict. We have come to the conclusion that we ought to proceed under paragraph (i) of subsection 3 of Section V, and direct that this body corporate, the limited company Ripley Webb, Ltd., shall, for a period of three years, be disqualified from being an authorised seller of poisons."

A By-effect of Ascorbic Acid.—"O George, aged two and a half, has provided a sidelight on your ('Lancet') annotation (1944, II, 180), 'Ascorbic Acid as a Diuretic.' Except for occasional accidents he had not wetted his bed for many months until last Monday, but he did it then and again on Tuesday, Wednesday and Thursday nights. He also demanded his pee pretty often in the daytime. At Friday breakfast I said, 'How about a round of those vitamin-C tablets?' But the bottle was empty. On Monday I had bought 10 tablets of 50 mgm. ascorbic acid; the family could account for twenty of them; George had eaten the rest in four days—1,000 mgm. a day—and Evans's dropsical patients got only 150-300 mgm. daily and 'diuresis' occurred in every case.' So watch out for ascorbic acid as a cause of bedwetting." From the "Lancet."

MACHINERY AND PLANT NOTES

Gearless Pump

AN item of plant to which the attention of chemical manufacturers is directed is the Mirrlees Roscru-Imo pump made by Mirrlees, Bickerton & Day, Hazel Grove, Stockport, Cheshire. The pump has neither valves nor gears, and pumps highly viscous non-corrosive fluids at pressures up to 1000 lb. per sq. in. Further details about the pump will be supplied by the manufacturers on request.

Avoiding a Gear Change

FOR driving a wide range of power-driven machines, including many in the chemical and allied industries, standard practice is to use some type of multi-speed gear box. The method has inherent disadvantages, including relatively high price, noise, and lack of flexibility. Interest, therefore, attaches to a new invention, the N. & B. speed-change power unit, placed on the market by the Newey Engineering Co., Ltd., Brook Street, Nottingham. This is in the form of a compact casing, $21\frac{1}{2}$ in. by $10\frac{1}{2}$ in. by 8 in., replacing the gear box, in one standard form for power transmission within the range of $\frac{1}{2}$ –2 H.P., whilst allowing of six different speeds, which are changed over from one to the other, up or down, as required, almost instantaneously, merely by operating a handle without stopping the machine. Other sizes are being made available, up to 7 H.P. transmission, whilst the number of speed changes can be more or less than six, as required. Speed change by means of pulleys, with short centre belt, has the advantages of cheapness, noiseless running, ample "cushioning," and the fact that in an emergency, such as the presence of some obstruction, the belt slips without wrecking the machine. A disadvantage, however, which has always prevented more general application, is that speed change can only be carried out by stopping the machine, taking the belt off by hand, and fixing it again upon another set of pulley steps.

Step Pulley System

The new invention consists, in principle, of two sets of what are essentially step pulleys, each formed in one piece with the required number of grooves or steps, operated by a short "V" belt, which can be moved, as required, merely by operating a handle, to vary the speed without touching

the belt by hand or stopping the machine. This is accomplished in the most ingenious fashion by making both the driving and driven step-pulleys with transverse inter-connecting grooves. Consequently when the "V" belt is pushed sideways in either direction it slides smoothly through the lateral grooves from one set of step pulleys or straight driving grooves to the other, thus changing the speed immediately without interrupting the running. The action is carried out by means of a light inner vertical framework between the two step driving pulleys. The structure encloses the driving belt, and moves, along with the latter, in a lateral direction by means of a small endless chain, carried on sprocket wheels, operated by revolving a change handle at the top.

Acid-resisting Metal

FOR high resistance of vessels and containers to corrosion by acid solutions, a special metal made by Meldrums, Ltd., Timperley, near Manchester, is of outstanding interest for the chemical and allied industries. The metal is not affected, for example, by sulphuric acid, nitric acid, acetic acid, chromic acid, oxalic acid, citric and many other organic and inorganic acids, whether cold or at boiling point, and at whatever concentration. A variety is available which is resistant to hydrochloric acid. Although, as with most acid-resistant and heat-resistant metals and products, full details are not available, it can be stated that Meldrum metal is a high-silicon iron made by a special process.

Large Castings

The metal has been gradually perfected until today satisfactory castings for all kinds of pans, mixers, tanks and stills can be made up to three tons in weight. One of the difficulties has been to produce castings of such weight and size. In general the metal has an excellent heat conductivity and is extremely hard and durable—much superior therefore to pottery and earthenware for withstanding changes of temperature and stress. It has the obvious advantage, too, over any method of painting, coating, or enamelling, of being uniformly acid-resisting throughout, and therefore not affected by abrasive action or temperature changes, whilst the machined surfaces take a good finish by grinding. Thus a large jacketed pan in service made throughout

of the acid-resisting metal, and holding a $\frac{1}{2}$ -ton acid charge, has been heated for two hours every day for fifty weeks in the year for over eight years, and there is no trace of iron contamination, though tests have been made with every charge. Any tendency to contamination of pharmaceutical or food products is therefore eliminated. Special tests carried out also with acetic acid, oxalic acid, tartaric acid, and other organic acids in strong solution prove absence of solution of the material.

Economy in Industrial Thermometers

UNDER many conditions the annual cost of thermometers or temperature gauges is apt to be excessive in industrial concerns, and the matter is especially serious today because of the difficulties of replacement. The ordinary mercury-in-glass thermometer has, of course, the inherent disadvantage of being easily broken, not only by accident but also because of vibration and normal mechanical shock. The very small column of mercury also is apt to give trouble because of "sticking" or breaking of the thread, whilst from prolonged use glass parts of the instrument may become permanently distorted, causing inaccuracy.

Dial Thermometers

The advantages of the range of bi-metallic dial thermometers are of interest because the maintenance costs and breakage are negligible, since no glass is involved other than a piece of heavy glass protecting the dial. A wide range of dial thermometers is available from the Rototherm Co., Ltd., London, S.W.10. The standard types have a metal stem and metal dial with a plated bezel, like a small clock, the pointer moving over a graduated temperature scale, which can be read from a good distance. Each standard model also has one of three sizes of dial, $2\frac{1}{2}$ in., 4 in., and 7 in., with also two standard stem diameters, $\frac{5}{16}$ in. and $\frac{5}{8}$ in., the stem being made to a length to suit the application. All these models have a bezel of solid metal die-cast type, whilst the glass dial is clamped between gaskets and can be rendered gas-, oil-, and water-tight, whilst both the stems are of heavy-gauge tubing, and the head of the instrument containing the dial is of robust solid stamped metal. A complete range also of temperatures can be dealt with by means of different dials normally for industrial use in two groups, that is a series of graduations from 20° F. to

500° F. with ten different dials, and a high temperature series over 500° F. in five groups up to 1,000° F. In addition there is a wide variety of special designs available, such as for pipe lines, for taking the temperatures of the surface of pipes or cylinders, for refrigerators, for tanks, and for plastic mixtures.

Electric Hot-water Boilers

FOR the heating of hospitals, clinics, and similar institutional buildings, as well as smaller chemical and similar industrial establishments, the ideal practice in a large number of cases is to use electrode hot-water boilers for the central heating system operated by A.C. current direct from the mains. These boilers are of the vertical cylindrical type, and are equally suitable for direct hot-water supply and/or for operation in conjunction with a calorifier as part of a closed heating circuit, including thermal storage tanks, pumps, valves, pipes, and radiators.

A Typical Installation

A typical installation of this type, at a clinic in Great Britain, is a 200-kW. electrode hot-water boiler, both for the supply of hot water and as part of the central heating equipment, which has been supplied by Bastian & Allen, Ltd., London. The electrode hot-water boilers are available in a standard range of within, say 30–1,200 kW. using A.C. electricity, giving 102,000–4,080,000 B.Th.U. per hour. Either hand or automatic electric control is available, and one of the most striking features is the extremely small size of the apparatus. Thus the 30 kW. unit (with hand control only) is 3 ft. high over-all and 1 ft. 1 in. diameter over-all, weighing only 150 lb. (empty).

In hospitals an advantage of the electrode boiler is its cleanliness. Thus the absence of fuel means no smell, smoke, fumes, poisonous gas, grit, and dust, and also no storage space for fuel and for ash and clinker, and no flues, foundations, and chimneys. Full output is obtained from cold in a few minutes, and the thermal efficiency is extraordinarily high (about 98 per cent. against generally less than 50 per cent. for fuel.) Given an average reasonable price for electricity, such as 0.3–0.0d. per unit, electricity is no more expensive than any fuel for small- and medium-size installations up to, say, 4,000,000 B.Th.U. per hour for hot water or 3,250 lb. per hour evaporation for steam.

BRITISH HERB CROP REPORTS

THE following reports on this year's crops of medicinal herbs have been received from British growers:—

Stafford Allen & Sons, Ltd.—On the whole, the crops this season have done well, as we have had a good deal more rain than we did last spring. We can report as follows on individual crops: **BELLADONNA.**

—We suffered very considerably from the severe frosts early on, and it has reduced our tonnage of fresh herb considerably. In spite of this setback, the quality of the belladonna herb which we have harvested has been good. We shall hope for a good second cut. **BROOM TOPS.**—We have made a fair collection of good-quality tops which we use for the manufacture of our sparteine sulphate. **CHAMOMILE.**—This is growing well and shows every prospect of giving a good yield of oil. **CLARY SAGE.**—The crop here is looking exceptionally well, and we hope for a much heavier yield of oil this season as compared with last. **DILL.**—

This is also looking very promising, and if the weather is favourable we should have a good harvest; in fact, one of our staff thinks this year's crop looks like being the best we have ever grown. **DIGITALIS.**—We are continuing to extend our cultivation here and the crop looks healthy and is growing well. We grow both varieties, *purpurea* and *lanata*. Unfortunately, we had heavy rains after planting out a lot of *lanata*, and a number were washed out of the ground. The plants that survived are strong and healthy. **HYOSCYAMUS.**—Our second-year crop was good, and we were able to collect it in the best condition. Our first-year crop is a little patchy, and is having rather a struggle with weeds which have been greatly encouraged by the wet weather. **LAVENDER.**—This, fortunately, was not damaged by frost, and the crop looks well. If we have a reasonable amount of sunshine, we ought to get a nice yield of oil. **VALERIAN.**—About normal, not a very important crop. **LETTUCE** (*Lactuca virosa*).—Not a big seller these days; the crop will be normal.

Joseph Flemons & Sons, Ltd.—English culinary herbs and wild medicinal herbs, roots, flowers, berries, etc., are still in considerable demand owing to small or no importations. Supplies of these are likely to be fairly normal, with the exception of herbs such as agrimony, lesser celandine, centaury (red), elder flowers, eyebright, henbane, parsley piert, wood betony, and dandelion root. It is rather early to ascer-

tain the full result of the late frosts and cold dull weather up till June, on fruits such as buckthorn berries and hawthorn berries. There are, however, likely to be supplies, although they will not be very plentiful. Fair supplies of English digitalis leaves and male fern root will be obtainable if the demand for these develops at a reasonable price and in time. Cultivated rubbed balm, basil, marjoram, mint, pennyroyal and savory will still be in short supply. More sage and thyme were grown last year, and supplies of these should be fairly large in the coming season. Importations have, however, had a distinct tendency to lower prices, but providing large quantities of herbs, etc., are not imported at low figures, cultivation in this country of most herbs (which are generally recognised to be of superior quality) could still be continued.

William Ransom & Son, Ltd.—We have a large acreage under medicinal crops. The extremely cold weather during the early part of May made our solanaceous crops late this year, but recent wet and warm conditions have proved beneficial. **BELLADONNA** (*Atropa belladonna*).—Over sixty acres are under cultivation. Although the crop suffered from the frosts early in May, weather conditions recently have been ideal, and we are now harvesting a large crop. The plantations are free from disease, and the leaves already dried were found to be of high alkaloidal strength. This year's sowing has germinated extremely well. We anticipate being in a position to satisfy the demand for all belladonna preparations. **CHAMOMILE** (*Anthemis nobilis*).—We have slightly increased our acreage, but the shortage of skilled labour has prevented the growing of sufficient to meet the present abnormal demand. The crop favours a dry season, and given fine weather over the next few weeks, there should be a satisfactory yield of oil. **FOXGLOVE** (*Digitalis purpurea*).—We have cut down our acreage, as we have sufficient stocks to meet normal demands for a considerable period. A crop of *Digitalis lanata* is also under cultivation for a special customer. **HEMLOCK** (*Conium maculatum*).—A satisfactory crop. There will be sufficient for normal requirements. **HENBANE** (*Hyoscyamus niger*).—The second biennial crop was an almost complete failure, but we hold adequate stocks of extracts and dried leaf from last year's crop. The first biennial is a very healthy crop, and we expect a good yield. **LAVENDER** (*Lavandula*

vera).—An average crop is expected. The yield of oil will depend on weather conditions at the time of distillation (early August). We have increased our acreage considerably, but we shall get no oil from the new plantation this year. The present abnormal demand for the oil exceeds the supply. LETTUCE (*Lactuca virosa*).—We have increased our acreage. The crop looks very well, and we expect a good yield when it is cut next month. RHUBARB (*Rheum rhaponticum*).—The plantation has been

enlarged to meet the present need. ROSEMARY (*Rosmarinus officinalis*).—The crop was a failure this year, as the plants were killed by frosts. It will be two years before we can offer any substantial quantity of oil SAGE (*Salvia officinalis*).—A poor crop, many plants were killed by frosts. PEPPER MINT (*Mentha piperita*).—We are expecting an average crop. ELATERIUM, LILY OF THE VALLEY, VALERIAN and THYMUS VULGARIS show normal development as compared with other years.

B.P.C. SCIENCE PAPERS

At the eighty-second annual meeting of the British Pharmaceutical Conference to be held at the Waldorf Hotel, Aldwych, London, W.C.2, on July 18, commencing at 9.30 a.m., the following Science Papers will be read and discussed:—

1. A Comparison of Methods of Analysis of Euflavine Gauze with Observations on the Effect of Sterilisation.—By W. P. Chambers, Ph.C., and R. Maxwell Savage, M.A., F.R.I.C.

2. The Assay of Alkaloidal Galenicals using the Chromatograph: Part I. Preparations of Belladonna, Stramonium and Nux Vomica.—By G. W. Brownlee, Ph.C.

3. The Assay of Alkaloidal Galenicals using the Chromatograph: Part II. Liquid Extract of Ergot B.P., Extract of Ergot B.P.C.—By G. W. Brownlee, Ph.C.

4. Increased Alkaloidal Content of Induced Polyploids of *Datura*, *Atropa* and *Hyoscyamus*: Part I. *Datura* Species.—By J. M. Rowson, M.Sc., B.Sc. (Pharm), B.Sc. (Lond.), Ph.C.

5. Increased Alkaloidal Content of Induced Polyploids of *Datura*, *Atropa* and *Hyoscyamus*: Part II. *Atropa* and *Hyoscyamus* Species.—By J. M. Rowson, M.Sc., B.Sc. (Pharm.), B.Sc. (Lond.), Ph.C.

6. Notes on Some Tests for Acetone and Ethyl Alcohol, with Special Reference to Methyl Alcohol.—By G. J. W. Ferrey, B.Sc.

7. Cardamom: Further Numerical Studies of its Sclerenchymatous Layer.—By J. W. Fairbairn, B.Sc. (Lond.), Ph.C.

8. Cardamom: Structural and Numerical Features of the Tests.—By J. W. Fairbairn, B.Sc. (Lond.), Ph.C.

9. The Stability of Adrenaline Solutions: II. Solutions of Adrenaline Tartrate.—By G. B. West, Ph.D., B.Pharm.

10. The Determination of Lipase in Pancreatin, together with a Report on Commercial Pancreatins.—By Kenneth Bullock, Ph.D., Ph.C.

11. The Chemical Testing of Antacids.—

By E. H. Johnson, M.Sc., A.R.C.S., D.I.C., F.R.I.C., A.M.I.Chem.E., and J. Duncan B.Sc., Ph.C.

12. The Fluorimetric Estimation of Vitamin B₁ in Pharmaceutical Products.—By Eirene M. James and Frank Wokes, Ph.D. (Lond.), B.Sc., F.R.I.C., Ph.C.

13. A Polarographic Study of Alkaloids.—By H. F. W. Kirkpatrick, B.Sc., A.R.C.S., D.I.C., F.R.I.C.

14. The Limits of Accuracy of the Determination of Alcohol by the Method of the British Pharmacopœia.—By Norman Evers, Ph.D., B.Sc., F.R.I.C., and Wilfred Smith, B.Sc., F.R.I.C.

15. An Improved Solution of Adrenaline Prepared from Adrenaline Tartrate.—By G. E. Foster, Ph.D., B.Sc., F.R.I.C., A. C. McDougall, B.Sc., M.P.S., and R. H. Thorp, B.Sc.

COMING EVENTS

Wednesday, July 11

MANCHESTER PHARMACEUTICAL COMMITTEE. The Council Chamber, Houldsworth Hall Deansgate, at 3 p.m. Presentation to Mr Johnson Beal in recognition of his thirty-two years' service on the Committee. Mr. G. A. Mallinson (secretary, National Pharmaceutical Union) will make the presentation.

Thursday, July 12

BRITISH DISPLAY ASSOCIATION, Lighting Service Bureau, 2 Savoy Hill, Strand, London W.C.2, at 6 p.m. Mr. H. Metten on "Plastics and Display."

WEST HAM AND EASTERN DISTRICT ASSOCIATION OF PHARMACISTS. Visit to the factory of Potter & Clarke, Ltd. Meet at West Side Booking Hall, Aldgate East Underground Station, 2.30 p.m. Names to secretary before July 10.

Sunday, July 15

MANCHESTER PHARMACEUTICAL ASSOCIATION. Ramble to Hope, Snake Inn and Hayfield. Meet Central Station, 8.40 a.m. Book Hope return.

TRADE REPORT

spot quotations for pharmaceutical chemicals, crude drugs and essential oils represent the prices for wholesale quantities of standard quality. C.i.f. quotations do not include marine war risk insurance and other abnormal charges payable in the present emergency

28 Essex Street, W.C.2, July 4

As might be expected during General Election week the volume of business on the markets has been considerably less than usual, but conditions are keeping generally steady. A fair amount of export inquiry is being received, but for the moment little actual business can be done. In PHARMACEUTICAL CHEMICALS makers report a steady trade. The only price change notified during the week is an advance in PULV. BISMUTH CO., N.F.

Crude Drugs

Business in CRUDE DRUGS appears to be "marking time," with the home trade confined to small transactions in drugs for routine consumption. Prices are generally firm and unchanged. Some English BELLADONNA HERB is now available. Zanzibar LOVES is again firm and dearer. ERGOT remains in short supply. GUM ACACIA is steady and unchanged. A fair inquiry has been received for Brazilian MENTHOL, and good business is reported at the last-mentioned prices. NUTMEGS continue in poor supply, but the price is without notable change on the week. Some inquiry noted for SEEDS, but only a small business being done. Hand-picked Alexandrian CINNA PODS continue scarce, with the price nominal.

Essential Oils

Business in these commodities during the week has been extremely quiet, and no price changes are recorded. The Ministry of Food announces that there will be no changes in the existing prices of UNREFINED OILS and FATS and TECHNICAL ANIMAL FATS allocated to primary wholesalers and large trade users during the five weeks ending August 4.

Pharmaceutical Chemicals

ACETANILIDE.—Makers' prices for crystals unchanged at 2s. 5d. per lb., and for powder 2s. 6d.

ALLOBARBITONE.—Steady at 6os. per lb.

AMPHETAMINE.—Makers' price is firm at 6os. per lb.

BARIUM SULPHATE (X-RAY).—Quoted at the following rates per lb., for quantities of 28 lb.—cwt. (containers in brackets): 1s. 5½d. (1-lb.);

1s. 4d. (4-lb.); 1s. 3d. (7-lb.); 1s. 2½d. (14-lb.); 1s. 2d. (28-lb.).

BORIC ACID.—Current rates per ton are as follows: B.P. quality, granulated, £60; crystal, £61; powder, £62. Commercial grades, £8 per ton less. Packed in one-cwt. bags, delivered carriage paid in Great Britain in one-ton lots and upwards.

BRUCINE.—Current rates per oz. are as follows: ALKALOID.—Under 25 oz., 1s. 4½d.; 25 oz. and under 100 oz., 1s. 4d.; 100 oz. and under 500 oz., 1s. 3½d. NITRATE and SULPHATE.—Under 25 oz., 1s. 3½d.; 25 oz. and under 100 oz., 1s. 3d.; 100 oz. and under 500 oz., 1s. 2½d.

CALAMINE, B.P.C.—Prices are as follows: 7 lb., 1s. 8d. per lb.; 28 lb., 1s. 6d.

ETHYLMORPHINE.—Small quantities are quoted per oz. by makers as follows: BASE.—½ oz., 61s. 6d.; 1 oz., 59s.; 2 oz., 57s. 6d.; 3 oz., 56s. 9d.; 4 oz., 56s. 6d. HYDROCHLORIDE.—½ oz., 53s.; 1 oz., 50s. 6d.; 2 oz., 49s.; 3 oz., 48s. 3d.; 4 oz., 48s.

HOMATROPINE.—Makers' prices per oz. are as follows (prices per gram in brackets): ALKALOID.—1 oz., 97s. 6d.; 4 oz., 72s. 6d.; 16 oz., 87s. 6d. (6s.). HYDROCHLORIDE, HYDROBROMIDE and SULPHATE.—1 oz., 75s.; 4 oz., 70s.; 16 oz., 65s. (3s. 2d.).

PILOCARPINE.—Makers quote at the following rates per oz.: BASE, 1 oz., 27s.; 4 oz., 21s. 3d.; 8 oz., 20s. 9d.; 25 oz., 20s. 3d. NITRATE, 1 oz., 18s. 6d.; 4 oz., 18s.; 25 oz., 17s. 6d.

POTASSIUM PERMANGANATE.—Current rates are as follows: B.P. (in 1-cwt. drums), 1 cwt. and over, 1s. 8½d. per lb.; 3 cwt. and over, 1s. 8d. TECHNICAL (in 1-cwt. drums), 1 cwt. and over, 166s. 3d. per cwt.; 3 cwt. and over, 161s. 9d.; 5 cwt. and over, 159s. 3d.; 1 ton and over, 156s. 9d.; 4 tons and over, 154s. 3d. TECHNICAL (in 5-cwt. drums), 5 cwt. and over, 156s. 9d. per cwt.; 1 ton and over, 154s. 3d.; 4 tons and over, 152s. Terms are net, carriage paid station, containers extra and returnable.

PULV. BISMUTH CO., N.F.—Prices for the home market are higher. Current rates per lb. are as follows:—

Containers		1 lb.	4 lb.	7 lb.	14 lb.	28 lb.
		s. d.	s. d.	s. d.	s. d.	s. d.
1 lb. and under	4 lb.	2 9½	—	—	—	—
4 lb. and under	7 lb.	2 8½	2 7	—	—	—
7 lb. and under	14 lb.	2 7½	2 6	2 5	—	—
14 lb. and under	28 lb.	2 6½	2 5	2 4	2 3½	—
28 lb. and under	112 lb.	2 5½	2 4	2 3	2 2½	2 2

Net one month.

SANTONIN.—Prices per kilo are as follows (price per oz. in brackets): 25 kilos, £42 (23s. 10d.); 10 kilos, £43 (24s. 5d.); 5 kilos,

£44 (24s. 11d.); 2-4 kilos, £45 (25s. 6d.); 1 kilo, £46 (26s. 1d.); 500 gm., £47 (26s. 8d.); 250 gm., £48 (27s. 3d.); 100 gm., £49 (27s. 9d.); smaller lots, £50 (28s. 4d.).

SALICYLIC ACID.—Quoted per lb. as follows, in lots of 28-lb.-1 cwt. (containers in brackets): 2s. 7d. (1-lb.); 2s. 5½d. (4-lb.); 2s. 4½d. (7-lb.); 2s. 4d. (14-lb.).

TERPINEOL.—Pure medicinal quality is available at from 3s. 3d. to 4s. per lb. for use in antiseptics of the chloroxyleneol type.

THEOBROMINE.—The following prices are ruling: **ALKALOID.**—Smalls, 44s. 6d. per lb.; 7 lb.-28 lb., 43s. **SODIUM SALICYLATE.**—Smalls, 26s. 3d.; 7 lb.-28 lb., 25s. 1d. Tins extra when supplied.

VANILLIN.—The agreed prices are unchanged as follows: 5 cwt., 21s. per lb.; 1 cwt., 21s. 3d.; 56 lb., 21s. 6d.; less than 56 lb., 21s. 9d. per lb.

Crude Drugs

ANTIMONY.—In steady demand at unchanged rates. English minimum 99 per cent. regulus, £112 10s. per ton, delivered; crude, 70 per cent., £90.

ARECA NUTS.—Wormy Ceylon may be obtained on spot at 85s. per cwt.

BALSAMS.—*Peru* is at 8s. per lb., and *Canada* at 11s. 6d. *Tolu* and *Copaiba* are unobtainable.

BELLADONNA.—For Indian root testing 0.25 per cent., 2s. 3d. per lb. is asked; English herb is quoted at 4s. 6d. per lb.

BISMUTH.—Good demand for metal. Price steady at 6s. 3d. per lb., in minimum 5-cwt. lots.

CARDAMOMS.—Aleppy greens are quoted at 5s. 6d. per lb. on spot, and Aleppy seed at 6s. 3d.

CHAULMOOGRA.—*Hydnocarpus* is offered on spot at 2s. per lb., in tins in cases.

CHILLIES.—Spot quotations for Mombasa are unchanged at 110s. per cwt.; West African, 105s.

CLOVES.—Firm. Zanzibar, spot, 1s. 8d. per lb. paid.

COCHINEAL.—Silvers are quoted on the spot at 6s. per lb.

COCOA BUTTER.—Price is fixed at 1s. 5½d. per lb., ex factory or warehouse, except for sales made under Ministry of Food licence.

COLOCYNTH.—Spot price of good white remains at 2s. 9d. per lb.

DIGITALIS LEAVES.—Portuguese are offered on spot at 140s. per cwt., or near bids would be considered; English, 2s. 6d. per lb.

ERGOT.—In short supply. Spot, 6s. 6d. per lb. for any available good-quality material.

GUM ACACIA.—Kordofan cleaned sorts, spot, 70s. per cwt.; bleached, 175s.; Talha, cleaned, 47s. 6d.

HENBANE.—Indian, 230s. per cwt.; Russian, 350s.; Egyptian (*muticus*), 75s.

JALAP.—Some 12.3 per cent. may be obtained on spot at 4s. 3d. per lb.; 10.1 per cent. would be at 3s.

KAMALA.—Material testing 6 per cent. would be worth from 2s. 6d. to 2s. 9d. per on spot.

LIQUORICE ROOT.—Turkish, afloat, 85s. 1 cwt., landed, for pharmaceutical use only.

MENTHOL.—Fair inquiry for Brazilian a good amount being sold. Price, 82s. 6d. per

MERCURY.—Official quotations range from £68 10s. to £69 15s. per flask, according to conditions and quality, with higher prices for smaller lots and redistilled grades.

MYRRH.—Spot price of fair Aden sorts steady at £16 per cwt.

NUTMEGS.—West Indian, sound unassorted, 2s. 10d. per lb.; wormy and broken 2s. 3d.

NUX VOMICA.—Cochin, spot, 37s. 6d. to 40 per cwt.; shipment, 31s. to 32s., c.i.f.

PEPPER.—Whole, not picked over or cleaned on sale to processors, is officially priced at 1s. 4d. per lb. for white and 1s. per lb. for black.

PIMENTO.—Sellers on spot at 1s. 3½d. per lb.

SEEDS.—Quiet and unchanged. Current prices are as follows: **CORIANDER.**—Indian none available, price nominal at 92s. 6d. per cwt.; Russian, fair amount here, but demand small, price 92s. 6d.; English, limited stock, price 87s. 6d. to 95s. per cwt. **CUMIN.**—Maltese 120s., sellers; Indian, same. **DILL.**—London 85s.; Liverpool, 80s. **FENNEL.**—Supply exhausted, nominal. **FENUGREEK.**—London 75s.; Liverpool, 70s.

SENNA.—Alexandrian hand-picked pods a scarce; price nominal at 4s. per lb. Good manufacturing Alexandrian pods, 2s. per lb. Tinnevely pods and leaves are unchanged.

STRAMONIUM LEAVES.—Dealers' price steady at 80s. per cwt., spot.

STROPHANTHUS.—Kombé seed is maintained at 7s. 6d. per lb. on spot.

TRAGACANTH.—Medium grades are quoted as follows: No. 1, white, £130 per cwt.; No. 2, white, £115; No. 3, white, £100; No. 4, white, £85; pale leaf, £60; amber leaf, £50; dark amber, £40; brown leaf, £30; red-and-brown leaf, £25; red leaf, from £20; hoggy, £12 to £11.

TURMERIC.—Madras finger, sound-quality spot, 70s. per cwt.; Liverpool, 72s. 6d.; London

VALERIAN ROOT.—Whole root is exhausted powdered Indian root is available at 120 per cwt.

WAXES.—**BEES'.**—Prices of crude for the home trade were given in the *C. & D.*, June 1, p. 570. **CARNAUBA.**—Fatty grey, spot, 490s. shipment, 405s., c.i.f., nominal; chalky grey, spot, 475s.; shipment, 395s., c.i.f.; prin yellow, spot, 610s. to 620s.; shipment, 450s. c.i.f., nominal; medium yellow, spot, nominal shipment, nominal. **ORICURI.**—Spot, 310s. to 320s., according to impurities; shipment, 285s. c.i.f.

Essential and Expressed Oils

CASTOR.—Bulk supplies are officially quoted as follows: "Firsts," £82 per ton, "seconds," £80, both naked ex works.

CLOVE.—English distillers' prices are firm at 2s. 6d. to 13s. per lb., according to quantity.

COCONUT.—Crude is officially priced at £49 per ton; refined deodorised, £49; and refined hardened deodorised, £53. Prices are for bulk supplies.

CORIANDER.—English-distilled is quoted at approximately 18os. per lb.

COTTONSEED.—Controlled prices for bulk supplies are as follows: Crude, £52 2s. 6d.; washed, £55 5s.; refined edible, £57; refined deodorised, £58 per ton; all varieties are quoted naked ex works.

NUTMEG.—In small compass at approximately 45s. per lb. for English oil.

OLIVE (EDIBLE).—The price charged to the wholesaler by the importer is 25s. 9d. per gallon, ex store. Prices charged by wholesalers to retailers are agreed by the Ministry of Food as follows: 33s. 6d. per gallon, in 1-gallon loan cans; 34s. 3d. per gallon, in $\frac{1}{2}$ -gallon loan cans; 35s. per gallon, in 1-quart loan cans; 36s. per gallon, in 1-pint loan cans.

PIMENTO BERRY.—Small lots of English oil could be worth about 8os. per lb.

RAPESEED.—Official quotation is unchanged at £88 per ton, in bulk lots, naked ex works.

Essential Oils Control

THE following is a schedule of prices to users of original packages for oils imported by the Ministry of Food:—

Basil	25s. 8d., plus duty,
	2s. 3d.
Bergamot	23s. 10 $\frac{1}{2}$ d.
Camphor	2s.
Caraway	2os. 9 $\frac{1}{2}$ d., plus duty,
	1s. 10d.
Cedarwood	3s. 8 $\frac{1}{2}$ d., plus duty,
	3 $\frac{1}{2}$ d.
Clary sage	129s. 1 $\frac{1}{2}$ d., plus duty,
	11s. 6d.
Coriander	128s. 10d., plus duty,
	11s. 6d.
Fennel	11s. 6d., plus duty, 1s.
Lemon, cold-pressed,	
or Sicilian	17s. 4 $\frac{1}{2}$ d.
Lemon, distilled	11s. 9d.
Lime	47s.
Nutmeg	22s. 8d., plus duty, 2s.
Orange, bitter	18s. 6 $\frac{1}{2}$ d., plus duty,
	1s. 7 $\frac{1}{2}$ d.
Orange, West African	1os. 3 $\frac{1}{2}$ d., plus duty,
	10 $\frac{1}{2}$ d.
Peppermint	47s. 1d.
Tangerine	33s.
Vetivert	38s. 4d., plus duty,
	3s. 5d.
Wormseed	15s. 3 $\frac{1}{2}$ d.
Ylang-ylang	15s. 6 $\frac{1}{2}$ d., plus duty,
	1s. 4d.

COMMERCIAL NOTES

Pumice Exports from Sicily.—Approximately 2,500 quintals of pumice stone were exported from the Lipari Islands by the Allied Commission in 1944.

Pharmaceutical Products for Egypt.—The Egyptian Minister of Finance has agreed to place £E650,000 in reserve for the purchase of pharmaceutical products for the Public Health Service.

Canadian Chemicals Imports.—During January–February 1945, Canada imported chemicals to the value of \$11,482,000, compared with \$12,181,000 in the corresponding period of the previous year.

Juniper Berries and Orris Root from Italy.—"Foreign Commerce Weekly" (United States Department of Commerce) records that the Foreign Economic Administration has been negotiating for substantial shipments of juniper berries and orris root from Italy to the United States.

Consumer Goods in Palestine.—The War Economic Advisory Council of Palestine has announced that licences to import limited quantities of consumer goods which are produced in Palestine are being gradually permitted. Tooth-pastes are among commodities covered by the Order.

Canadian Vitamin Duty Lifted.—Riboflavin, without admixture or mixed only with any necessary carrier or diluent, is now free from British preferential, intermediate, and general tariff, as well as from war exchange tax and the special excess tax, when imported into Canada for use exclusively in the manufacture of feeds for livestock, poultry, or fur-bearing animals.

Sicilian Sulphur Production.—The number of sulphur mines in operation in Sicily fell in 1943–44 from 150 to thirty. Production, which had averaged 300,000 metric tons annually during the five-year period 1937–41, fell to 93,000 tons in 1942–43 and to 9,441 tons in 1943–44. Many of the mines became flooded, and new equipment cannot now be furnished. Insufficient electric power and lack of facilities for shipping sulphur to ports are other adverse factors affecting mines operation. Exports of sulphur amounted to 20,880 tons in 1944, most of which was shipped to North Africa. Sicilian sulphur producers have formed their own organisation, the Ente Zolfi Siciliani, and are no longer under the control of the Ente Zolfi Italiani, which formerly handled all sales.

TRADE MARKS

(From "The Trade Marks Journal," June 6)

"PAXEE"; for catamenial appliances (5). By B. D. Edwards, 5 Beasmarket Hill, Nottingham. 633,484 (Associated).

Device of swallow encircled with words "Every swallow gives relief" (words disclaimed); for pharmaceutical preparations for use in the treatment of respiratory disorders (5). By S. Heywood, 4 Barker Street, Oldham. 633,525.

"ANIVO"; for all goods (5). By G. E. Williams, 43 Longshut Lane West, Stockport. 633,741 (Associated).

"LINEMB"; for all goods (5). By W. M. Nicoll, 32 High Street, Bridgnorth, Shropshire. 633,961.

"NAPKA"; for all goods (5). By Trinity Laboratories, Ltd., Brook House, Old Mill Street, Blackburn. 633,978 (Associated).

"STADPLAST"; for medical and surgical plasters and dressings, lint, bandages, poultices, compresses, cotton wool, medicaments for ligatures, liniments, medicated ointments, etc. (5). By Museum Drug Stores, 69a High Street, Godalming, Surrey. 633,781.

"PARISECT" and "PARISECTIN"; for disinfectant and insecticidal preparations (5). By P.A.C. (Chemicals), Ltd., 15 College Road, Epsom, Surrey. 634,134-35 (both Associated).

"LISTEX"; for pharmaceutical preparations for treatment of coughs, colds, etc. (5). By Cunninghams Dispensing Chemists, Ltd., 3 King Street, Twickenham, Middlesex. 634,194.

"COTOCOL"; for antiseptics, disinfectants, bandages, surgical dressings, sanitary towels and tampons (5). By M. Merica, 25 Rusholme Gardens, Platt Lane, Manchester. 634,232.

"DOODLEBUG"; for razor blades (8). By Maxwell Agency, Ltd., 1 Dorset Buildings, Salisbury Square, London, E.C.4. 631,380.

"ALGOLD"; for seaweed extracts in powder form for use as ingredients in food (20). By T. M. Duche & Sons (U.K.), Ltd., Adelaide House, London Bridge, London, E.C.4. 631,557.

"LAREXA"; for edible oils and fats (29). By London Oil Corporation, Ltd., 161 Camberwell Grove, London, S.E.5. 631,961.

Device of a lemon (disclaimed); for non-alcoholic lemon drinks and lemon-flavoured drinks; preparations for making such drinks; and lemon juice (32). By Idris, Ltd., 120 Pratt Street, London, N.W.1. 631,915.

(From "The Trade Marks Journal," June 13)

"TAYLAW"; for agricultural, horticultural and forestry chemicals (excluding insecticides, etc.) (1). By H. Taylor, 40a Market Street, Manchester. 634,487.

Device of fire burning in grate with word "RUGGBRITE" beneath; for domestic dyes (2). By D. R. Anderson, King's Chambers, 13 Queen's Square, Belfast. 633,189.

Monograph of letters "H.B.B."; for colouring matters for food (2); castor oil, seedlit powders, cod-liver oil, cough mixtures (5). By J. & J. Haslett, Ltd., Brewery Buildings Sandy Row, Belfast. 633,608-09.

Device of a foot with word "CHIRENE" beneath; for pharmaceutical preparations for the feet (5). By Classics, Ltd., Moun Pleasant, Wembley, Middlesex. 633,936.

"AMINACRINE"; for pharmaceutical preparations containing amines, and pharmaceutical substances being amines (5). By Boots Pure Drug Co., Ltd., Station Street, Nottingham 633,944.

MISCELLANEOUS INQUIRIES

Purchase Tax on Bed Pans.—*H. F.*—Earthenware bed pans are liable to purchase tax at 33½ per cent under Class 4. Bed pan of enamelled iron hollowware are chargeable under Class 9 at 16½ per cent.

Tree of Life.—*B. K.*—The name "tree of life" is given to the carnauba tree (*Copernicia cerifera*). The title is really a translation of the tree's Brazilian name *arvore de vida*, because it yields the carnauba wax, which is used extensively in products valuable to man, e.g., in the soap industry, in floor and shoe waxes, and in the manufacture of gramophone records.

Biological Soil Disinfection.—*(M. F.)*—Biological disinfection of soils consists in ploughing organic matters into the soil decay of these by action of soil bacteria choking noxious fungi. The method has been utilised in this country to prevent loss of cereals by fungal diseases. Leguminous plants contain a high ratio of nitrogen to carbon, and this results in rapid and energetic decomposition.

Sympathomymetin.—*H. W.*—Extracted from the blood fibrin, sympathomymetin is a drug used for stimulating the basic vital properties of tissues. In some respects it acts similarly to adrenaline and ephedrine but its action is slower. It is used in allergic diseases (serum disease, rheumatism, bronchial asthma), stomach and intestinal diseases (ulcer, dysentery, chronic colitis), diseases of the nervous system (general neurosis, somatogenic neurosis of children, organic diseases connected with vegetative disturbances), in obstetrics and gynaecological practice (uterine bleeding, vomiting of pregnancy), and in general intoxication by diphenylchloroarsine. Dose: Two five or eight drops once or twice a day before meals or 0.1-0.3 c.c. in 20 c.c. of sterile Ringer's solution.

The NEW Antacid

Normo-Gastrine
BRAND TABLETS

(Hydrated Oxides of Silicon and Alumina.)

Neutralises in less than 20 minutes

BUT

Unlike Bismuth, Magnesia and Bicarbonate of Soda, etc.

DOES NOT

Destroy Pepsin,

Render the Stomach Alkaline,

**Lower the Hydrochloric Acid content
below normal,**

**Evolve Carbonic Acid and so cause the
familiar secondary 'symptoms of
distention and fullness.**

PRICE 2/- incl. of P.T.

Wholesale 14/- plus P.T.

BURGOYNE BURBIDGES

Established 1741. & COMPANY LIMITED, LONDON. E.6

PROMPT DELIVERY FROM STOCK

**CERESINE, CARNAUBA
AND
CANDILLILA WAXES
EMULSION WAXES**

**SMART GOLD SEAL
LABELS**
**FRAGRANT TONIC
HAIR CREAM**
**MY LADY'S VANISH-
ING CREAM**
**COLD CREAM—FOR
LOVELINESS AND
CHARM**
**DE LUXE SETTING
LOTION**
**LUXURY BATH
SALTS**
CLEANSING CREAM
**ANTISEPTIC SKIN
BALM**

**TECHNICAL WHITE
OIL**
**LIQUID PARAFFIN,
B.P.**
CASTOR OIL, B.P.
RAPE SEED OIL
**SULPHONATED
CASTOR OIL**

GOLDEN OIL DYE
GREEN OIL DYE
**ALL COLOURS IN
WATER, OIL AND
SPIRIT SOLUBLE
DYE STUFFS**

EMULSIFIERS
that need the addition of
water only to make
**BRILLIANT WHITE
HAIR CREAM**
**PEARLY VANISHING
CREAM**
**COLD CREAM AND
POWDER BASE**
**BRUSHLESS SHAV-
ING CREAM**
SETTING LOTION
**DEODORANT
CREAM**
**ANTISEPTIC SKIN
BALM**
equal to best pre-war pro-
ducts. Formulae and all
details supplied on request.

**PETROLEUM JELLY,
B.P. WHITE, AMBER,
GREEN**

**FASHENE DE LUXE
FURNITURE CREAM**
Made of finest waxes
blended by qualified chem-
ists. Retail 2/6 large
10-oz. jar.

**FASHENE FLOOR
POLISH**
Best quality wax polish
by registered manufac-
turers. Retail 1/- large
4-oz. tin.

SILKY SKIN
Depilatory Bands. Used by
smart women to remove
unwanted hair. Retail 6d.
each. In 1 gross cartons.

SEALVELOPES
Eliminate envelopes.
ARMY, NAVY, AIRFORCE
and CIVILIAN DESIGNS
6d. packets.

MULTISHAVE
Safety razor blade sharp-
eners for 'extra clean,
smooth shaves. Retail 1/6
each. In 3 dozen cartons.

**GUM TRAGACANTH
AI
METHYL CELLULOSE**

**BEAUTIFUL BOTTLES
AND JARS**
With screw caps and corks,
2,000 gross in stock.

TINS
Gold-lacquered and plain,
1 oz., 2 oz., 4 oz., 8 oz.,
10 oz., 16 oz. Slip and
lever lids.

CARTONS AND CASES
Various sizes. Send for list.

**SCREW CAPS AND
CORKS**
Large stocks, various sizes.
Send sample jar or bottle
and let us quote.

SISTEM
Ration Book Binders. Each
hold four books. Save
LOSS, TIME, TEMPER.
Retail 1/3 each.

**TRIPLE PRESSED
STEARIC ACID**
**HARDENED WHITE
FATTY ACID**
OLEIC ACID
LANOLINE
**GLYCERYL
MONOSTEARATE**
**PRECIPITATED
CHALK**
**BORAX,
POWDERED, B.P.**

Send stamp for details, stating lines in which you are particularly interested to

The BRITISH SURGICAL & DRUG CO., LTD.
FORTRESS GROVE, LONDON, N.W.5 Tel. Gulliver 3474 (3 lines)



FREEZONE

FOOT COMPOUND

AN OUTSTANDING SUCCESS!

'Freezone' Foot Compound has now *proved* that the claims made on its behalf were entirely justified. In every corner of the country men and women, in every walk of life, who suffered from hot, tired, sore or aching feet, now *know* that they need suffer no longer. And they are spreading the good news!

In short, 'Freezone' Foot Compound is a success and, because foot trouble is probably more prevalent today than it has ever been, the demand for it must inevitably increase — and increase rapidly. Its high therapeutic value is beyond doubt; the handy, perforated container appeals to men and women alike; and the fact that it will do no damage whatever to stockings is another great point in its favour.

These are facts. And they are facts which more and more people are learning every day; not only from the advertising campaign now running in newspapers and periodicals which cover the entire country, but also from friends who have obtained relief by using 'Freezone' Foot Compound. The result is certain: the fame of 'Freezone' Foot Compound will be enhanced and the demand for it intensified. Make sure, therefore, that your supplies are equal to the demand. Price to the Trade — 13/6 per dozen.

INTERNATIONAL CHEMICAL COMPANY LTD.
Clifton House, Euston Road, London, N.W.1

'Freezone'
Foot Compound
retails at
1/9
(including Tax)



REGD. TRADE MARK

SULPHANILAMIDE
ANTIMONY POTASSIUM TARTRATE
B.P. QUALITIES

◆
Made by
THE GEIGY PHARMACEUTICAL Co. Ltd.
National Buildings, Parsonage,
MANCHESTER, 3

ANTISEPTIC FLUID
R.W. COEFFICIENT 3.5

Pleasant Pine odour, non-toxic, non-staining, non-corrosive, continuous supplies available. Bulk deliveries. Buyers write Box No. 555, c/o Carlton Berry Co., 437 Grand Bldgs., Trafalgar Sq., W.C.2

Pure White
TIN OXIDE
(STANNIC)

Pure Powdered
TIN METAL
for medicinal purposes

Manufactured by:—

KEELING & WALKER, LTD
STOKE-ON-TRENT

Telephone: Stoke-on-Trent 4136/7

WELL-ESTABLISHED EXPORT
MERCHANTS

are open to accept a few exclusive distribution Agencies for British Manufacturers of Pharmaceutical Products and Drug Trade commodities in IRAQ, IRAN, TURKEY, SYRIA, and the AFRICAN markets.

As soon as conditions permit, their substantial pre-war trade with CENTRAL and SOUTHERN EUROPE will be resuscitated, and they are now in a position to make contacts for these important post-war markets.

Correspondence, which will be treated confidentially, should be addressed to **ARTHUR E. EVANS & CO. LTD.**, Westminster Bank Chambers, Bishop's Stortford, Herts.

EUCALYPTUS OIL B.P. 80 85%
ALMOND OIL SWEET
MENTHOL B.P.
SALOL B.P.C.
LANOLINE B.P.

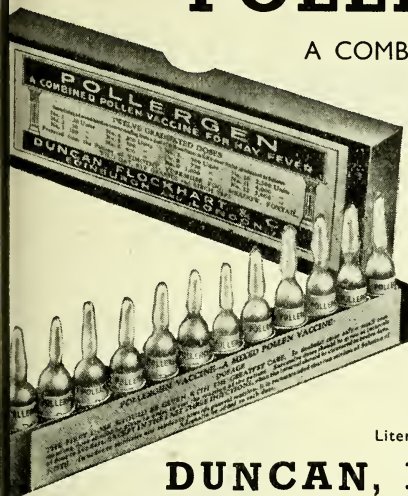
Prompt Deliveries from Stock

A. REVAI & CO. LTD.
7-8 IDOL LANE, LONDON, E.C.3

Telephone: MAN. 6677 (4 lines)

"POLLERGEN" (DUNCAN)

A COMBINED POLLEN VACCINE



indicated in

- SEASONAL HAY FEVER
- CORYZAL ASTHMA

Advances in the field of Allergy have shown that patients derive more benefit from treatment with a combined pollen vaccine, than the more usually practised treatment with simple extract of Timothy Grass Pollen.

Treatment is best commenced at an early date so as to ensure the patient reaching the maximum dosage before the Pollen Cloud is at its height, that is from May to mid-July.

Literature and prices on application

DUNCAN, FLOCKHART & CO.
EDINBURGH LONDON

BOTTLED
HYDROGEN PEROXIDE
HOME AND EXPORT

Genoxide
LIMITED LUTON, ENGLAND.

M. G. SHAHANI
& COMPANY

MANUFACTURERS'
REPRESENTATIVES

Established - - 1920

With Offices at Bombay, Calcutta and Delhi, and First-class Sales Organization and own travellers they offer modern facilities for wholesale distribution throughout the Country.

If you are seeking reputable representation for TOILET REQUISITES, PERFUMERY and PROPRIETARY ARTICLES write to—

M. G. SHAHANI & Company
Victoria Road — KARACHI (India)

CUXSON, GERRARD & CO. LTD.,
OLDBURY, are pleased to announce that, as from
July 1st, those Representatives who are available,
will resume their calls upon Chemist friends.

Areas in which the Representative is still serving
the National Interests, will be covered by nearest
resident Representative.

STAINED!



For the "professional style" cleaning of DAINTY AND DELICATE FABRICS, SUITS, HATS, SATIN AND BROCADE SHOES, GLOVES, SCARVES, TIES, CARPETS, also for WINDOWS, MIRRORS, BATHS, PAINTWORK, etc., use Solitaire Dry Cleaner.

Solitaire Dry Cleaner is perfection itself for the cleaning of all fabrics, no matter how dainty. No chemical bleaching action. Leaves no "ring." Non-inflammable. Different from other solvents—cleans by the action of millions of tiny globules which gently carry away all dirt.



Sold in bottles price 1/6 at Grocers, Chemists, Stores, etc.

SOLITAIRE DRY CLEANER

FURMOTO CHEMICAL CO. (FACTORS) LTD.
1-3 Brixton Road, London, S.W.9

"Prophylactics should, under regulations and safeguards, be available at proper Chemists up and down the country"

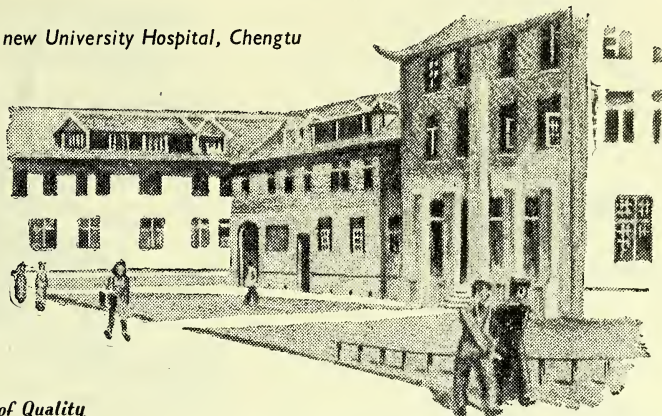
... Parliamentary debate on Venereal Disease Control reported Daily Telegraph, Dec. 16, 1942

Our Chemist Customers share in this Control by serving the public with the finest protectives
"SELKA"



SELKA Ltd. 23 Dering St.
London, W.1. Tel. Mayfair 2412

Quadrangle of the new University Hospital, Chengtu



The Guarantor  of Quality
since 1875

CARUS
OF DARWEN

SURGICAL DRESSINGS

ONLY WHOLESALERS SUPPLIED

BED SHEETING

When we get back
to normal conditions
we hope to extend
our range of Sheet-
ings and Jaconettes

**IOCO
LIMITED**

Glasgow, W.



HOSPITAL
BED SHEETINGS
AND JACONETTES

RUBBER
AIR BEDS, CUSHIONS
AND PILLOWS

SURGICAL
AND MEDICAL
REQUIREMENTS

Orders must state
"required for Surgical
and Medical purposes"

*Greatest
Boon & Comfort
for Women*



LUNA
THE MODERN
SANITARY TOWEL

Retail: 2/- for 10; 1/- for 5

From all Chemists and Wholesalers

LUNA INSERTS LTD
24-HIGH ST. LONDON. E.11

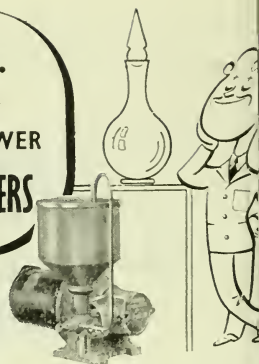
Little-known Limericks—No. 15

A Chemist once lived
on a hill.
No trav'ler came up
to him till —
According to rota —
He got his fair quota
Of Brand's, from that man
with a will.

No matter where you are, or whether your business is large or small, you can be sure of getting your share of Brand's products. To guarantee a fair division of our limited supplies, we distribute them on a strict quota basis.

BRAND & CO. LTD., LONDON

**Q.P.
HAND
AND POWER
EMULSIFIERS**



Q.P. Emulsifiers can now be supplied for improved purposes without a permit. Improved models of hand and power machines, emulsions, creams and lotions will soon be available from stock.

Descriptive catalogues and prices will be sent on application.

FORMEROD ENGINEERS LTD
SHAWCLOUGH • ROCHDALE

Telephone : Rochdale 4414-5

NO BUILDING IS SAFE!!...

from infestation by
BEETLES & COCKROACHES

except where Rodine Phosphorus Beetle and Cockroach Poison is used. There is a wide demand for it in Homes, Shops and Factories.

Are you taking full advantage of the Increasing sales? If not, order up a stock at once. It carries a most generous profit.

There's a big demand for

RODINE
PHOSPHORUS
BEETLE & COCKROACH POISON
THOMAS HARLEY LTD Rodine Works PERTH • SCOTLAND

PAT.

Be Wise!
SELL THESE TESTED DYES

AURORAL GOLD WATER DYES 6^d.

WINNER STOCKING AND HOME DYES 3^d.

& NATIONALLY
ADVERTISED BY

HITAKERS OF KENDAL

WRITE FOR PARTICULARS

Here To Dye and Gone Tomorrow

is a justifiable adaptation of the old saying . . . applied to the beautiful DINKY range of colours. They're in and out as quickly

3d.

Per Packet

TERMS:

27/- gross

5 gross

less 10%

ORDERS WITH
CASH LESS 2½%

as that! Helped by plenty of lively advertising in newspapers and women's papers, and by continued austerity plus coupons. Unless already handling send 2½d. for the DINKY Shade Card and Sample Carton.



S. TATLOW & CO., LTD., Eckington, SHEFFIELD

GUM TRAGACANTH DIRECT IMPORTERS:
S. DANGOOR, LTD., PROVINCIAL HOUSE, 98/106 CANNON ST., E.C.4
Phone: MANSION HOUSE 4781

EVILLE'S HEALTH SALT
A.T.A. Retail Prices: New 'Flask' size 1/4d.
Large size. 1/10½d. incl. Tax. Cost
prices: 'Flask' size 10/6d. per doz. Large
size 15/6d. per doz. Plus 16½% P. Tax.
Multiples of 3 or 4 doz. Carr. Paid.
Hugh, Hoseason & Co., Ltd., Pendleton, Manchester

'VERLOG' (Trade Mark)
SURGICAL ELASTIC HOSIERY
Belts, Trusses, Suspensory Bandages, etc.
ATHLETIC SUPPORTS
Knee Caps, Anklets, Jockstraps
THOS. GLOVER & SON, LTD., CARLTON, NOTTINGHAM
Tel.: 58227 (2 lines). 'Grams: Verlog, Nottingham

Manufacturers of **TANNIC ACID** (Bulk Supplies Only)
ALL QUALITIES

THE BRITISH DYEWOOD COMPANY LTD.
19 St. VINCENT PLACE, GLASGOW, C.1

Telephone: CENTRAL 4425

Telegrams: DYEWOOD

**LABELS
OF
DISTINCTION**

FOR WHOLESALE MANUFACTURING
& RETAIL CHEMISTS

Medical and Dispensing Labels,
Toilet, Cosmetic and Perfume,
largest range of stock labels
(attractive two-colour 50-60 word-
ings), Shampoo Powder Envelopes
and Inners, also Saccharine Tablet
Envelopes (new wording), with
name and address. We can also offer
multi-coloured advertising stamps
in exclusive designs.

NEW REGULATIONS—
Send 6d. for complete
sample range

**CARILLON
PRESS LTD**

Artists in the Production of Fine Labels
BOURNEMOUTH

3 HANDS

The Modern and most
**FRAGRANT, HEALTHY
HOUSEHOLD DISINFECTANT**

Suitable for every conceivable household use.

Imparts a wonderful sense of healthful vigour owing to its ozone-like properties.

Kills bad smells and infuses sweet fragrance wherever it is used.

Gives high protection against infectious diseases by destroying germs in their breeding ground before they can cause harm.

Far stronger as a germicide than standard disinfectant, but non-poisonous and does not require a poison licence for re-sale.

Prepared in the Laboratories of the
BRITISH DISINFECTANT CO. LTD. TOTTENHAM, N. 15

(Manufacturers of the world-renowned SPRIM,
Triple Cleansing Strength Ammonia)

Supplies are plentiful—write
for Wholesale Terms today



The handiest and most economical method yet devised to free clothes, furnishings and domestic pets from fleas, bugs, etc. One stick covers 3,000 inches. U.S. Health Authorities, Veterinary Surgeons, etc.

See our representative or write for particulars
RENTOKIL LTD., 168-170 Stockwell Road, London,
Insecticide Manufacturers for over 20 years



Hot water Bottles,
Air Cushions, Armchairs
& Water Beds, Waterproof
proof Sheetings, etc.

The name upholds your reputation
for stocking the best . . . a price
to remember when normal supplies
again become available.

NORTH BRITISH
RUBBER CO. LTD. EDINBURGH & LONDON

Position of trust

A mother asks you

“Can you recommend? . . .”

“Can you recommend an introductory cereal food for my baby of 5½ months?”

“Certainly. Here’s M.O.F. It’s a finely sieved, fortified Infant Cereal specially processed for quick cooking.”

“Is it all right for a child aged 5½ months?”

“M.O.F. is recommended for general use in infant dietary from 5 months onwards. It can be given as an addition to a simple milk mixture, or later as the staple part of a mixed diet. In cases where weaning must take place at an early age, M.O.F. may be given from 3 months. It can also be used to supplement breast milk.”

“How shall I know how to give it?”

“If you are in any doubt, suggestions on feeding may be obtained from the Consultant Pediatrician of the M.O.F. Information Service—the address is in the tin.”

“But can I be sure of getting a regular supply?”

“Yes. By permission of the authorities concerned, the makers are in a position to maintain supplies of M.O.F. for Infant Feeding.”

These are questions which are often asked of a chemist. You know about M.O.F.’s component food factors, which, as names, mean very little to anxious mothers. But you, in your position of trust, asked all sorts of questions, must be sure that what you recommend is genuinely good.

Here is the composition of M.O.F.:

Per cent.		Grams per oz.	
Fat	6.2	Fat	1.85
Protein	10.7	Protein	2.15
Carbohydrate ..	70.0	Carbohydrate ..	19.87
Mineral Matter	2.7	Mg. per oz.	
Fibre.. ..	0.2	Iron	5.0
Moisture	10.2	Calcium.. ..	120.0
		Phosphorus ...	150.0
Vitamin B ₁ as Aneurin		Per oz.	
		Hydrochloride	0.079 mg.
Vitamin D			600 I.U.
Calories			110
Compare this with any other Infant Cereal			

SCOTT'S
M.O.F.
MIDLOTHIAN OAT FOOD

M.O.F. IS PREPARED BY A. & R. SCOTT LTD., WEST MILLS, MIDLOTHIAN, SCOTLAND

MISCELLANEOUS OPPORTUNITIES

SUNGLASSES. Superior Quality and Reinforced Frames. 15/- per pair.

SIDE HAIR COMBS. 10/6 doz. including P.T.

HOSEMENDA with attached BRUSHES (in Nail Polish Bottles) 20/- per doz.

6d. OSDELL LIQUID BLEACH (26 oz. Bottles) 4/6 doz. [incl. P.T.]

THE ANSOL CHEMICAL CO., 28 OXFORD STREET, MANCHESTER,

TALC. BOXES TALC. SUB.

LOVELUCK EDWARDS & CO.

438 Garratt Lane.

S.W. 18

SACCHARIN ENVELOPES

Ungummed plain, 4/11 per 1,000. Gummed, printed standard wording (100's), 6/6 per 1,000. Boxed 4,000, minimum quantity 1 box. Please order level boxes.

Special prices for larger quantities.

LEWIS EAST LTD., Envelope Makers
25 New Walk, Leicester

TO MANUFACTURERS

of Pharmaceutical, toilet, cosmetic preparations, Chemists Sundries and toilet articles of every description.

Wholesale Distributors with excellent connexions and extensive distribution throughout the United Kingdom seek additional good-class selling lines for present and post-war trade (Home and Export). Purchase on own account or act as Agents, can offer financial co-operation if required, with Packing facilities (liquids, creams, tablets). Stocks available, glass containers, bottles, jars, etc. Write fully—601/590, C. & D. London Office.

Wall Thermometers 45/- doz. Tax free

Emery Boards (assorted shades) 24/- box. Tax 100%

Compacts from 2/4 each. Tax 100%

Baby Comforters (dummy shape) 16/6 doz. Tax free

Hosemenda (clear and pink) 15/- doz. Tax 33 1/3%

Terms: C.O.D. Cash with Order or Pro-Forma.

All goods carriage paid.

Keenedge Ltd. 18 Waltham Avenue, Kingsbury, N.W.9

MESSRS. ESMOREA CHEMICAL PRODUCTS, LTD., 106 Regent Street, W.1.
Telephone: Regent 3254, have a limited supply of controlled lines at reduced prices:—

Hairpins, Hair Slides, Flapjacks (metal and bakelite), Metal Lipstick Cases (Spiral movement), Wooden Lipstick Cases (Slide action), Vanishing Cream, Cold Cream, Shampoo Powders, Lipstick Refills, Bloc Rouge, Brilliantine (Liquid and Solid), Alum Blocks, Styptic Pencils.

Send stamp for price list, or call at our Showrooms above. We are represented through the country, and our travellers can call on you if so desired.

Inquiries invited for:

Hydrogen Peroxide. (All strengths inc. B.P. Talc Substitutes. (Comply with B.P. List)

Tests for Lead and Arsenic.)

Bicarbonate of Soda, B.P.

Flowers of Sulphur, B.P.

Sodium Salicylate, B.P.

Edible Gelatine Powders. (Guaranteed Food Grade)

Sodium Sesquicarbonate, and Drugs Act

Gum Tragacanth Powders.

Gum Karaya Powders.

Magnesium Carbonate, Light & Heavy, B.P.

Oils, Waxes, Chemicals, etc., and B.P.

Materials for all Trades.

Write: **THE FAYLENE MANUFACTURING COMPANY**

15 Queens Court, Lower Briggate, Leeds 1

Phone: Leeds 22594

NOW AVAILABLE: Collapsible Tubes, plain and printed; Mono Containers, plain and printed; T Plate and Aluminium Screw Caps, plain and printed; Aluminium Containers, plain and printed; 4 and 6 oz. Talcum Powder Tins.

THE OXFORD GLASS CO.
3 GROSVENOR GARDENS, S.W.1

TABLET COMPRESSING

Tablet manufacturing firm are in a position to execute orders for Tableting **YOUR SACCHARIN** New Machinery. Quick Delivery Economical Terms.

Communicate in the first instance with:—

Mr. Lever, 1a Lightburn Avenue
St. Annes-on-Sea, Lancs.

HARRINGTON BRAND ASPIRINS

EXCLUSIVE PACK
EXCEPTIONAL PROFIT

LONDON OFFICE: 2 BERRIDGE Grn. EDGW.

POWDER PUFFS (round). Finest quality, past shades, average size 3 1/2" spread. All in cellophane bags. 11 6d. per dozen plus 100% purchase tax Cash with order. Carriage paid 3 dozen and over Prompt Delivery. Wholesale terms on application

IODENT DISTRIBUTING COMPANY LTD
304 Kingston Road, London. S.W.20

The CHEMIST AND DRUGGIST

SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

28 ESSEX STREET, LONDON, W.C.2

JULY 7
1945

Prevailing restrictions and heavy demand on space necessitate the holding over of a number of advertisements week by week. As normal press days are in abeyance advertisers are advised to send instructions as early as possible. Advertisements must be prepaid. Box Office Numbers 1/- extra.

SITUATIONS OPEN

7/6 for 40 words or less. 2d. for every additional word.

None of the vacancies in these columns relates to a man between the ages of 18 and 50 inclusive or a woman between the ages of 18 and 40 inclusive unless or she is excepted from the provisions of the Control Engagement Order, 1945, or the vacancy is for employment excepted from the provisions of that Order.

RETAIL (HOME)

BARRY. Qualified or experienced Unqualified Assistant required for brisk Dispensing business and Counter trade. Good salary for reliable worker. Give usual particulars and when available. Can it for suitable person. Howell, Chemist, Barry, Glam. HEMISTS (qualified). Findlays (Proprietaries), Ltd. have vacancies for Qualified Assistants in their branches in Edinburgh and district. Apply in writing, stating experience, salary expected, when e, to 6 St. Patrick Street, Edinburgh, 8.

ASTBOURNE. H. R. Browne requires a Qualified Assistant for high-class dispensing business. No an Unqualified Assistant. State salaries required and enclose photographs if possible. Apply, Cornfield Road, Eastbourne.

ADY Assistant Dispenser (Hall), experienced, required. Apply, stating age, experience and salary required, to Secretary, Bedford Provident Dispensary and Public Medical Service, 3 St. Peter's Street, Bedford.

ADY Unqualified experienced Chemists' Counter. Permanency. London. Apply 615/173, C. & D. London Office.

ICEISTER. Qualified Manager needed for good class "down town" business, capable of considerable expansion. Excellent prospects for man h experience and initiative. 615/168, C. & D. London Office.

ONDON CO-OPERATIVE CHEMISTS, LTD., have vacancies for Branch Manager Pharmacists the following areas: Southall, Barking, Leytonne, Edgware and Highgate. Permanent employment with excellent prospects. Applications in the instance to Pharmacy Manager, 54 Maryland Street, Stratford, E.15.

HARMACIST (male or female) required immediately. Must be able to take charge of branch pharmacy. Good salary and conditions of employment offered. Good prospects to suitable person. Particulars to Superintendent Pharmacist, The Rutlepoles Co-operative Society, Stockton Street, St. Hartlepool.

HARMACIST, male, required by first-class Midland firm for dispensing and counter work. St Midlands. 614/164, C. & D. London Office.

HARMACIST to take charge branch pharmacy. Good residential area London. Living accommodation. Permanency. Apply 615/172, C. & D. London Office.

OTOGRAPHIC Assistant wanted, man or woman, for Sales Counter. Permanent; good prospects, £3 to £10 according to experience. Wallace aton, Ltd., 127 New Bond Street, London, W.1.

UALIFIED Manager required for Branch Pharmacy at Bramley, Leeds. No Sunday or half-duty. One assistant. Permanency. State age, experience, salary, etc. W. A. Wharrah, Ltd., 27 tgate, Leeds, 2.

QUALIFIED Assistant urgently required in good-class business in small market town. Write, stating age, experience, and salary required, to Trimming Willis & Co., Ltd., Alton, Hants.

QUALIFIED Branch Manager required (permanency) for a well-established Pharmacy, good wages and working conditions; no Sunday or half-day duties. Applications, stating age, experience, etc., to The Secretary, Stockport Industrial & Equitable Co-operative Society, Ltd., 27/39 Chestergate, Stockport.

QUALIFIED Branch Manager, lady or gentleman, required. Flat available. Apply to Head Office, giving full particulars of experience and salary required to Wm. Fox & Sons, Ltd., 109 and 111, Bethnal Green Road, London, E.2 (1½d. bus ride from Bank of England).

QUALIFIED, male or female, required for country business. Good prospects for one willing to give good service. Apply, giving full details and wages required to Horridge, Chemists, Tarporley, Cheshire.

QUALIFIED or Unqualified Assistants required mainly for Dispensing. State age, experience, and salary required. G. Peck & Son, Ltd., Cambridge.

QUALIFIED or Unqualified Assistant, young, required for good-class family business 14 miles from London. No Sunday or holiday duty; can offer temporary accommodation. Apply McDowall, 19 Watling St, Radlett, Herts. Phone: Radlett 6497.

QUALIFIED Pharmacist as Manager, lady or gentleman. Exempt. Good-class country business. Competent staff. Permanency or long-term locum. Benton, High Street Pharmacy, Ramsey, Huntingdon, Phone: Ramsey 2127.

ROYAL-ARSENAL Co-operative Chemists, Ltd., invite applications from qualified Pharmacists for the position of Manager. Unqualified assistants also required. Good prospects and holidays with pay. Apply in writing, stating age, experience, and salary required to the Superintendent Chemist, Royal Arsenal Co-operative Chemists, Ltd., 113 Powis Street, Woolwich, S.E.18.

SALFORD. Branch Manager required for minimum 6 months; lady or gentleman; exempt. Applications, with full particulars, to Secretary, Pendleton Co-operative Industrial Society, Ltd., 3 Mill Street, Salford, 6.

TOTTENHAM. Qualified Pharmacist to manage branch. Busy counter and N.H.I., congenial post. Small flat available over. Good wages. 615/169, C. & D. London Office.

UNQUALIFIED Assistant required immediately. Hours 9 a.m. to 5.30 p.m. Half-day Thursday, no Sunday opening. Phone Canonbury 3645, write or call stating salary required. Bell & Co. (Essex Rd.), Ltd., 186 Essex Road, London, N.1.

WARWICKSHIRE. Required as soon as possible a Dispenser with M.P.S. or Hall qualifications. Good salary, large pharmacy, pleasant working conditions. Apply L. H. Lester, Rexall Pharmacy, 2 Market Place, Nuneaton.

LOCUMS WANTED

LOCUM Unqualified for holiday period London. June to Sept. 615/174, C. & D. London Office.

NEAR Slough. Qualified Locum for three weeks as soon as possible. Assistant kept, no Sunday or half-day duty. Accommodation assured. Cosnell, Station Road, Clippenham, Slough.

RETAIL (COLONIAL)

CHEYLON. Pharmacist (qualified) required for large Departmental Store. Should be of good appearance and address and have Retail experience, 25-30 years of age; single; 4 years' engagement; passage paid out and home. Free quarters provided. Low income tax. Provident Fund and other benefits. Write, stating particulars of experience, to Box E.787, Willings, 133 Moorgate, E.C.2.

MORRIS, HEDSTROM, LTD., Suva, Fiji, require for one of their branches in the Islands, qualified pharmaceutical chemist, must be young single man. Apply by letter only, giving full particulars to Morris, Hedstrom, Ltd., Africa House, Kingsway, W.C.2.

WHOLESALE

A FIRM of Manufacturing Chemists in North London require Process Workers for Galenical manufacture. Please give details of experience and wages required to 615/182, C. & D. London Office.

APPLICATIONS are invited by a firm of Drug and Fine Chemical Manufacturers for a post as Technical and Commercial assistant. Duties will consist principally in handling correspondence in connexion with development of sales of pharmaceutical specialities by overseas subsidiaries and a pharmaceutical or scientific qualification, and experience of Empire markets is desirable. The post is permanent and progressive, and salary will be according to experience. Apply to Personnel Officer, May & Baker, Ltd., Dagenham, Essex.

ASHLE Laboratories, Ltd., 120/2 Victoria Street, S.W.1, invite applications for the following positions: (a) Assistant in Advertising Dept., young man with Agency or Advt. experience, and with ideas. (b) Assistant in Pharmaceutical Development Section, young man with some pharmaceutical experience. (c) Representative for East and West Ridings, Yorkshire. Ex-Service men preferred. Please state full particulars, by letter with first application to Sales Manager, Pharmaceutical Section.

CHIEF Clerk wanted by Manchester firm with knowledge of the costing and pricing of Drugs and Patent Medicines. State experience, age and salary. 612/990, C. & D. London Office.

CUNSON, GERRARD & CO., LTD., Oldbury, require the services of a Representative with a live connexion to cover their interests to Chemists and Drug Stores in industrial Yorkshire and North East England. Full particulars by letter in the first instance.

FIRST-CLASS opening in London for Salesman of proved ability. Under 40 preferred with energy and ambition to capitalise very real opportunity. Area high spotted during war; intensive distribution needed and ripe for development. Full range, well-established medical and medicated toilets nationally advertised by well-known house. Salary and commission or commission only, if applicant carrying not more than one other range. Apply CDB/401, C. & D. London Office.

FREELANCE Agents required who are regularly calling on Cosmeticians, Perfumiers, Wholesale Hairdressers, Sundriesmen, Chemists, etc., in fact anyone making perfumery, cosmetics and allied products in London area. Line to be carried is a first rate range of perfume compounds with a reputation behind them. Excellent commission on a genuine article which with a little work is bound to prove a very remunerative sideline. Apply Box No. 22 c/o Poo's, Aldwych House, London, W.C.2.

GOOD commission on additional line for live agents calling on Pharmacists. State goods already handled. 615/183, C. & D. London Office.

JOHNSON Agencies (Proprietaries) Ltd., Clarendon Works, Clarendon Road, Croydon, Surrey, require a full-time Representative for the Midlands and North East Coast. Salary, commission and expenses. Good prospects. Address letters to Sales Director.

LADY Pharmacists required by British firm Manufacturing Chemists, London area, handling correspondence from medical and pharmaceutical professions and also for preparation of leaflets and literature. Knowledge of therapeutics advantage. Reply, stating age, experience, qualifications, salary, etc., to 612/984, C. & D. London Office.

MANUFACTURERS of attractively designed pharmaceutical specialities have vacancies the following areas: Scotland, Lancashire, N. Wales, Midlands, Cornwall, Devon, Somerset, W. Norfolk; Lincoln, Suffolk, Oxford, Bucks, Berks, Central and North London. Good commis with the option of salary and commission, a trial period. Full particulars required, including age and other lines carried. Established connexion with wholesale and retail Chemists, Stores, Co-operative Societies essential. 615/176, C. & D. London Office.

MANUFACTURING chemists require Commission Agents to sell their well-established line to chemists, co-ops, stores, etc., throughout country, including London; liberal terms. W. stating lines carried, to 611/961, C. & D. London Office.

PHARMACIST, male, experienced, capable energetic, to take charge of drug, galenical analytical laboratories. Science degree an advantage. Must have first-class references. Generous salaries. 614/163, C. & D. London Office.

PROCESS Worker, male, wanted for drug galenical laboratory. Must be experienced. West Midlands. 614/165, C. & D. London Office.

REQUIRED. Clerk-typists, Export Manager, male or female, for Spices, Chemicals, Gen. Commodities. Apply with full particulars to 615/181, C. & D. London Office.

REQUIRED. Chemist with full knowledge of Essential Oils. Apply 615/181, C. & D. London Office.

REPRESENTATIVES or Agencies able to carry quick selling line on commission basis invited to state exact territory covered and price of call to actual manufacturers. Sole agency to not entertained. BCM/Bonheure, W.C.1.

THE Crookes Laboratories are considering future appointment of additional representatives to the following territories: (1) Central London (2) Kent and South London; (3) North London Essex; (4) Derbyshire, Notts and Lincs; (5) Lancashire and Cheshire; (6) Eastern Counties. appointments will not necessarily be made immediately and applications from members of H.M. Forces are welcomed. Potential applicants should possess a knowledge of modern therapeutics combined with sales ability and initiative. Applications, giving details of qualifications, experience and age, should be addressed to The Home Sales Manager, G. Road, Park Royal, London, N.W.10.

TABLET Maker wanted by Manufacturing Chemists, East London. Applicant must be conversant with the use of Single Punch and Roll Machines, and have a wide experience to maintain department. Good salary and scope for development offered to the right applicant. Application confidential to 612/996, C. & D. London Office.

WELL-KNOWN company of Manufacturers Chemists require energetic representative their London territory. Experience and commission essential. Salary, commission and expenses. Particulars to 615/175, C. & D. London Office.

SITUATIONS WANTED

2/6 for 18 words or less, 1d. for every additional word

WHOLESALE

GENT, aged 36 years. Free in one month, 20 years' excellent experience in retail trade, etc., disposition with firm of repute, retail or wholesale representative, etc., or anything which requires to work but must show plenty of scope. Consideration investment up to £1,500-£2,000. Midlands preferred. 615/179, C. & D. London Office.

YOUNG man with good selling experience calling on Chemists in Northern Ireland, would like represent well-known firm. Strong financially. 4/160, C. & D. London Office.

APPOINTMENTS

ASSISTANT PHARMACIST required by **MIDDLESEX COUNTY COUNCIL** at **WEST MIDDLESEX COUNTY HOSPITAL**, Isleworth, Middx. Candidates must hold one of Pharmaceutical Society's qualifications. Commencing salary, £250 p.a. Increments of £10 up to £300 p.a. considered annually. War bonus (now £60 p.a.). Unestablished staff. Whole-time duties under Medical Director and Chief Pharmacist. Application, stating age, qualifications and experience, and enclosing copies of not more than three recent testimonials, to **MEDICAL DIRECTOR OF HOSPITAL "L.I."** Application forms not provided. Male candidates should state position with regard to military service. Closing date, 28th July 1945.

ASSISTANT PHARMACIST required by **MIDDLESEX COUNTY COUNCIL** at **WILKINGTON COUNTY HOSPITAL**, Nr. UXBRIDGE, Middlesex. Candidates must hold one of Pharmaceutical Society's qualifications. Commencing salary £250 p.a. Increments of £10 up to £300 p.a. considered annually. War bonus now £60 p.a.). Unestablished staff. Whole-time duties under Medical Director. Application, stating age, qualifications, and experience, enclosing up to three recent testimonials to Medical Director "24" of Hospital. Application forms not provided. Male candidates should state position with regard to military service.

CITY OF MANCHESTER

BOOTH HALL HOSPITAL (760 BEDS)
POINTMENT OF ASSISTANT PHARMACIST (TEMPORARY)

Applications are invited for the post of temporary Assistant Pharmacist (non-resident) at the Booth Hall Hospital for sick children, Blackey, Manchester, 9. The post is on the permanent assignment of staff but the appointment will be of a temporary nature, subject to review after the close of the war.

Candidates should possess a qualification granted by or recognised by the Pharmaceutical Society of Great Britain (Ph.C. or B. Pharm. preferred).

Basic salary £295 per annum plus a temporary cost of living wages addition amounting to £60 per annum in respect of a male officer and £48 5s. per annum in respect of a female officer. The post is subject to the Manchester Corporation conditions of service.

Full particulars may be obtained from the Medical Superintendent of the Hospital, and all applications, stating age, qualifications, experience and present appointment, are to be addressed to him not later than July 18, 1945.

Canvassing in any form, oral or written, direct or indirect, is prohibited.

PHILIP B. DINGLE,
Town Clerk.
June 26, 1945.

HERTFORDSHIRE County Council E.M.S. Base Hospital, Hemstead House, Hemel Hempstead. Pharmacist in Charge (non-resident). Applications are invited from duly qualified ladies and gentlemen. Salary £325 per annum, rising by annual increments of £12 10s. to £375 per annum, plus cost of living bonus, now 15s. 6d. a week for women and 19s. for men. Assistant Dispenser kept. Applications with full particulars of age, nationality, qualifications and experience, together with copies of two recent testimonials, should be sent to the Medical Superintendent.

CITY OF MANCHESTER

WITHINGTON HOSPITAL (1,150 BEDS)
APPOINTMENT OF FIRST ASSISTANT PHARMACIST (TEMPORARY)

Applications are invited for the post of Temporary First Assistant Pharmacist (non-resident) at the Withington Hospital (adult general), West Didsbury, Manchester, 20. The post is on the permanent assignment of staff, but it will be of a temporary character during the war, subject to review thereafter.

Preference will be given to candidates who possess the qualification of "Pharmaceutical Chemist" as recognised by the Pharmaceutical Society of Great Britain and have had experience in the work of a hospital dispensary.

The commencing basic salary will be £360 per annum plus a temporary cost of living wages addition amounting to £60 per annum in respect of a male officer and £48 5s. per annum in respect of a female officer. A further increment of £20 per annum may be granted at the discretion of the Council. The post is subject to the Manchester Corporation conditions of service.

Applications stating fully the age, qualifications and experience of the candidate, with copies of not more than three recent testimonials are to be addressed to the Medical Superintendent at the Withington Hospital as soon as possible.

Canvassing in any form, oral or written, direct or indirect, is prohibited.

Town Hall, Manchester, 2. PHILIP B. DINGLE,
June 25, 1945. *Town Clerk.*

COUNTY BOROUGH OF SOUTHEND-ON-SEA

SOUTHEND MUNICIPAL HOSPITAL,
ROCHFORD, ESSEX

The Health Committee of the Council invite applications for the post of Non-Resident Assistant Pharmacist at the above Hospital. Candidates should hold one of the registrable qualifications of the Pharmaceutical Society. The salary is at the rate of £250 per annum, rising by increments of £10 up to a maximum of £300, plus cost of living bonus, at present £59 16s. per annum for males, and £48 2s. for females. The provisions of the Local Government and Other Officers Superannuation Act, 1937, will apply, and the person appointed must satisfy the Council's Medical Examiner.

Application forms, which can be obtained from the Medical Superintendent of the Hospital, must be completed and returned to him as soon as possible.

H. J. WILKINSON,
June, 1945. *Town Clerk.*

METROPOLITAN HOSPITAL

LONDON, E.8

Applications are invited for the post of ASSISTANT PHARMACIST. Commencing salary £275 per annum, with lunch. Federated Superannuation Scheme in force. Applications with references should be addressed to the undersigned by July 12, 1945.

FRANK JENNINGS,
House Governor and Secretary.

NORTH STAFFORDSHIRE ROYAL INFIRMARY

STOKE-ON-TRENT

Second Assistant Pharmacist (female) required. Hospital experience preferred. Salary according to scale. Federated Superannuation Scheme in force. Applications, with copies of testimonials, to be sent to the Secretary and House Governor.

ROYAL DEVON AND EXETER HOSPITAL

EXETER

Assistant Pharmacist required. Commencing salary £280-£300 per annum according to experience. Lunch and tea provided. Federated Superannuation Scheme in force. Applications, giving full details, together with copies of two recent testimonials, to be sent to the Secretary not later than Saturday, July 21.

MISCELLANEOUS SALES

12/6 for 60 words or less, 1/- each additional 10 words or less

FOR sale: 20 gross 2 d.-drachm fancy bottles complete with bakelite caps, 32s. 6d. per gross. Carriage extra. Sample on request. O. Lloyd, 47 Museum Street, London, W.C.1.

GARDENER Rapid Sifter Mixer, size A, in new condition, hand-driven, capacity 20 to 30 lb., offered ex Cheadle. Offers to Apted, 194 Wilmslow Road, Cheshire, Manchester.

NAME Plates and Signs for Chemists neatly engraved. Send wording for full-size sketch and list. (Enclose 3d. stamps.) G. Male & Son, Ltd., Engravers, 367 Euston Road, London, N.W.1.

40 lb. Thymol M & B, 18 lb. Coumarin, 28 lb. Promulsin "T," 56 lb. Di Glycol Oleate, 1 lb. B. Alcohol, 1 lb. B. Acetate, small quantity Miscellaneous Pigments and Colours, 1½ ton Talcum. Lists apply Caledonian Drug Co., Ltd., Clapworthy Mill, South Molton, N. Devon.

WANTED

7/6 for 36 words or less, 2d. for every additional word.

LARGE or small quantities of bottles required. No quantity too big or small. New and Used. 26-oz. Flat Bottom Wine Bottles; 16-oz. Oval Ribbed Poison Bottles; 10-oz. Oval Ribbed Poison Bottles; 12-oz. Panel Bottles; 4-oz. Panel Bottles; 12-oz. Round Bottles. Send fullest details to 612/983, C. & D. London Office.

SACCHARIN Tablets wanted. 615/178, C. & D. London Office.

SALE BY AUCTION

Genuine Sale by Order of Executors
BRACKLEY, NORTHAMPTONSHIRE

MESSRS. STACE & FOOT

are instructed by the Executors of the late MR. J. C. GREEN to sell by Auction at the
TOWN HALL, BRACKLEY

on
MONDAY, July, 30, at
3 o'clock,

the old-established freehold

CHEMISTS AND DRUGGISTS BUSINESS

situated in a prominent position in the

BRACKLEY MARKET PLACE

together with the Stone-built Residence with ample living accommodation, and is sold with VACANT POSSESSION on COMPLETION. The Goodwill and Trade Fixtures of this well-known and old-established Business is included in the Purchase price and Stock to be taken to at Valuation.

The Auctioneers can thoroughly recommend this genuine business which has been well-conducted by the deceased and his father before him for many years.

Detailed particulars (in course of preparation) may be obtained of the Auctioneers, Brackley, Northants, or of

MESSRS. BARNES & LANHAM,
Solicitors, BRACKLEY.

BUSINESSES FOR DISPOSAL

7/6 for 40 words or less, 2d. for every additional word.

CHIROPODY Practice and Sale of Appliances for Sale. South-West Suburban (London) area. Excellent position in High Street. Lock-up shop. Sound business. Established 11 years. Turnover, 1944, £1,065 14s. 2d. For further details write 615/177, C. & D. London Office.

EXPORT TRADE

CZEYLON'S LEADING SALES ORGANISATION with over 50 Sales-Agency Depots and importing on own account is open to take up Agencies. Pharmaceutical Specialities, Druggist Sundries, Surgical and Rubber appliances, Toilet preparatory Cosmetics, Perfumery, Confectionery and Food Products, etc. First-class Bank and Trade references available. Offers welcome. Universal Trade & Drug Co., Ltd., (Agency Dept.) G.P.O. Box 335 Queen Street, Fort, Colombo (Ceylon).

MESSRS. DINKER & CO., 88 Vithalbai Pillai Road, Bombay, 4, invite connexions from competitive manufacturers and reliable export handling Chemicals and Drugs. Bankers East Bank, Ltd., Bombay; National Bank of India, Ltd., Bombay. Reference: M/S Biddle, Sawyer & Co. Ltd., Empire House, London.

SWEDEN. Firm with selling-organisation throughout Sweden wants agencies for Gauze Cloth for Bandages, Tapes and Plasters, Rubber Glass and Surgical Rubber Articles, Syringe Needles & Hypodermic Syringes and Pharmaceutical preparations. Replies requested to A/B Förbandsmateriel, Gothenburg.

AGENCIES

7/6 for 36 words or less, 2d. for every additional word.

MEDICAL representative, with over 20 years' first-class experience, hospitals, doctors, chemists, in the Manchester and Lancs. districts desires agency for suitable proposition, or part-time medical propaganda work. Own car. 614/151, C. & D. London Office.

MIDDLE East Buying Agent requests offers for export. Write 614/167, C. & D. London Office.

BUSINESS OPPORTUNITIES

7/6 for 40 words or less, 2d. for every additional word.

ADVERTISER wants to get in touch with well-organised firm in the cosmetic or confectionery trade whose sales organisation regularly covers Chemists and Stores, and who has space and possibilities for Manufacturing for Home Trade. Export of High-class Cosmetic Specialities. 608/15, C. & D. London Office.

BUSINESS MAN visiting America early August would negotiate for other concerns on 100% expense basis. 614/158, C. & D. London Office.

COMMERCIAL Artist, specialising in Manufacturing and Retail Chemists' lines, requires commissions for the design of showcards, illustrative catalogue layouts, etc. All work, however small, large, receives prompt attention. Write to A. D. 3 Kingsdown Road, Tankerton, Kent.

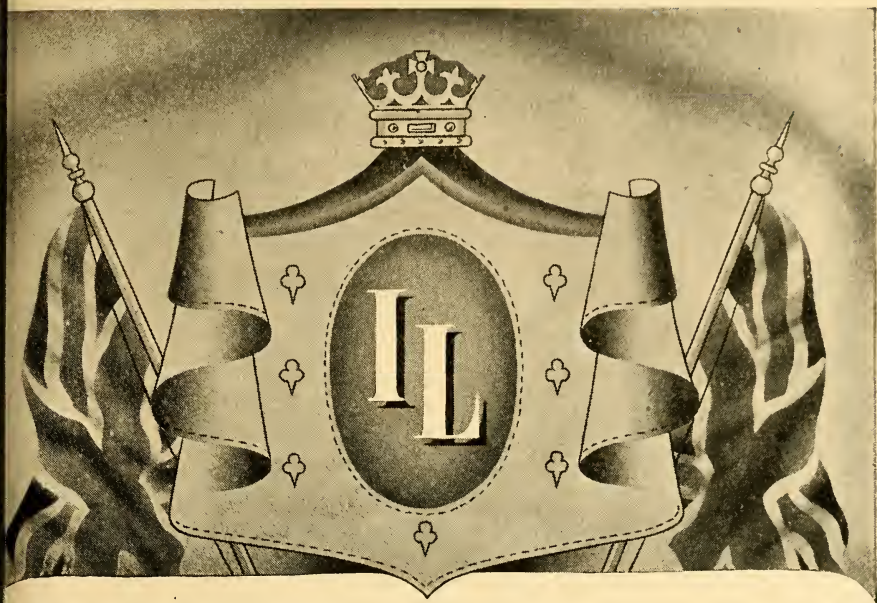
PACKING and Manufacturing Facilities available for all types of filling, packing and some manufacturing processes. Large or small output. As seen given manufacturers in securing bottles, Kwenyons, Ltd., 120 Myddleton Road, N.22. B. 2456.

TABLETTEING capacity available. First-class work guaranteed. 615/170, C. & D. London Office.

TABLETS. Manufacturers can undertake the compression of tablets from 3/16 inch to 2-1/2 diameter. Contracts from customers' own material preferred. Write to 613/111, C. & D. London Office.

TO Wholesale Distributors or Agents dealing in Toilet Preparations, Sussex manufacturer with home and export licence wishes to contact the concerned who are prepared to purchase on account or as agents for distribution. In addition offers of financial co-operation and packing facilities would be considered advantageous. For further development. 614/155, C. & D. London Office.

7, 1945
ISATIO
and impo
encies, S
tries, S
Por
and Por
referenc
Tradit
Box 38
Johi Pat
ious fru
export
s East
nda, L
en & C
u throug
une Ch
per Glou
eadles a
I prep
sustain
and word
20 year
eters, a
distr
part-ti
151, C
offices
don Off
ITIES
and word
with we
conqu
ly cov
and pos
rade as
608/5
ly Aug
on pe
ties.
Manuf
ures co
strat
small
A. D
availa
me man
t. Ass
ttles, c
22. Bo
First-cl
a, Lond
the co
to 2-4
materi
on Off
Healing
racer w
set the
on an o
gital
re fur
e, m
offe.

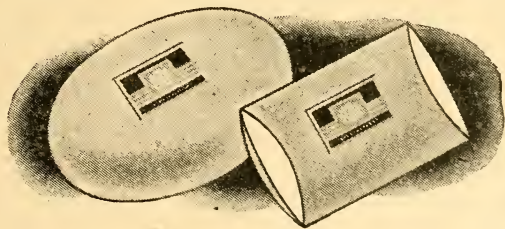


IMPERIAL LEATHER

The Aristocrat of Toilet Soaps

The superb quality of Imperial Leather Toilet Soap has created a demand amongst discriminating people considerably in excess of present supply facilities. We feel sure the trade will appreciate

that in the circumstances delays in meeting orders are unavoidable, but we assure them that every effort is being made and will be made to secure equitable distribution.



Cussons SONS & CO., LTD., KERSAL VALE, MANCHESTER 7

MANUFACTURING CHEMISTS SINCE 1839

LOZENGES · CAPSULES · SOLVELLÆ

LOZENGES · CAPSULES · SOLVELLÆ

LOZENGES · CAPSULES · SOLVELLÆ



PHARMACEUTICALS · COUNTER SPECIALITIES

SPECIALIZING IN PILLS AND TABLETS